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83-431-B USGS OER

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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

✓
IDAHO

Basic data for thermal springs and wells
as recorded in GEOTHERM

PART B

By

James D. Bliss

Open-File Report 83-431B

This report is preliminary and
has not been reviewed for conformity
with U.S. Geological Survey
editorial standards and stratigraphic
nomenclature. Any use of
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Menlo Park, California

August 1983

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INTRODUCTION

GEO THERM, a computerized information system now off-line, was used to maintain data on the geology, geochemistry and hydrology of geothermal sites primarily within the United States. GEO THERM was used to provide a broad informational framework for the Geothermal Research Program (Duffield and Guffanti, 1981). GEO THERM was used to support national geothermal assessments in 1978 (Muffler, 1979) and 1982 (Reed, 1983). It was however a public system and provided data to both public and private sectors. A detailed discussion on databases in GEO THERM and a general scheme of how the information system operated can be found in Bliles and Rapport (1983).

This report on Idaho is one of a series intended to preserve the data collected for GEO THERM and make the data available to the public. Summaries and the identification of source documents or records for Idaho can be found in a companion report, U.S. Geological Survey Open-File Report 83-431A. The complete records for Idaho are given in this report. States with significant geochemical data for geothermal fluids will be covered in individual reports such as this. A report will also be issued to cover miscellaneous data collected for sites in the central and eastern United States. The data presented in this series is also available as a data file on the internationally-available General Electric Mark III service, a timeshare network. Those interested in accessing that system should contact the Energy Resource Center, University of Oklahoma, Norman, Oklahoma 73070. It is anticipated that a portion of the data will also be available on magnetic tape from the National Technical Information Service, U. S. Department of Commerce, Springfield, VA 22161. It will not be available until after the completion of the open-file series.

GEO THERM INDEXES

Three computer-generated indexes are found in appendices of the companion report, U.S. Geological Survey Open-File Report 83-431A. The indexes give one line summaries of each GEO THERM record in the sample file for Idaho. Each index is sorted by different variables to assist the user in locating records for a given geothermal site. Appendix A is sorted by the county name and the name of the source. Also given are latitude, longitude (both in decimal minutes), township, range, section, GEO THERM record identifier, and temperature (°C). Appendix B is sorted by township, range, and section. Also given are name of source, GEO THERM record identifier, and temperature (°C). Appendix C is first sorted into one-degree blocks by latitude, and longitude, and then by name of source. Adjacent one-degree blocks which are published as a 1:250,000 map are combined under the appropriate map name. Also given are GEO THERM record identifier, and temperature (°C).

GEOTERM SAMPLE FILE

The GEOTERM sample file contains 951 records for Idaho (Table 1). Records may be present which are duplicates for the same analyses. A record may contain data on location, sample description, analysis type (water, condensate, or gas), collection conditions, flow rates, and the chemical and physical properties of the fluid. Stable and radioactive isotopic data are occasionally available. Some records may contain only location and temperature. When sufficient chemical data was available, the charge balance percentage of difference in anion- and cation-milliequivalents was computed and added to the record. Many of the numeric fields in the sample file can be directly qualified. The qualifier code precedes the number when appropriate. The codes and their meaning are given in Table 1.

Each thermal spring or well usually is represented by several records. This may document temporal changes in the geothermal fluids. Judgement on what constituted acceptable data was extremely complicated and the primary attempt was to insure that each GEOTERM record faithfully reproduced the published data. On occasion, glaring inconsistencies or data clearly of poor quality were excluded. Regrettably, no database can be constructed or supported without the introduction of errors. The user, therefore, is advised to check with the published literature whenever possible. Users should carefully and critically evaluate the records they use.

This compilation should contain all of the chemical data for geothermal fluids in Idaho available as of December, 1981. However, no claim is made for completeness, and published sources have probably been missed. About 4% of the records in this list contains information which was unpublished at the time of data entry. A critically evaluated and corrected list of over 2000 records for the United States was extracted from the sample file and issued as a reference document for the national low-temperature geothermal resource assessment (Reed and others, 1983). This, along with a list of geothermal springs by Berry, and others (1980) may be useful to some users.

GEOTERM BIBLIOGRAPHY

A bibliography is given in Appendix D of the companion report, U.S. Geological Survey Open-File Report 83-431A. The abbreviated form of the reference (called code) is identified as the record source in the full record list and is used to sort the entries in this appendix. Codes with a leading "*" identify records based on information which was unpublished at the time the record was prepared. Codes with a trailing "*" in the full GEOTERM record are also described in greater detail in Appendix D and are listed ahead of published sources.

ACKNOWLEDGMENT

Contributions and support to GEOTHERM have been made by many in both federal and state agencies. This includes the U.S. Department of Energy (and associated contractors), and U.S. National Oceanic and Atmospheric Administration. Data-entry forms for most sites in Idaho were prepared by the staff of either the Idaho Department of Water Resources or the U.S. Geological Survey.

REFERENCES CITED

- Berry, W. W., Grim, P. J., and Ikelman, J. A., 1980, Thermal Springs List for the United States, National Oceanic and Atmospheric Administration, Key to Geophysical Records Document No. 12, 59 p.
- Bliss, J. D., and Rapport, Amy, 1983, GEOTHERM: the U.S. Geological Survey geothermal information system: Computers & Geosciences, v. 9, no. 1, p. 35-39.
- Duffield, W. A., and Guffanti, Marianne, 1981, The geothermal research program of the U.S. Geological Survey: U.S. Geological Survey Open-File Report 81-564, 108 p.
- Muffler, L. J. P., ed., 1979, Assessment of geothermal resources of the United States--1978: U.S. Geological Survey Circular 790, 163 p.
- Reed, M. J., ed., 1983, Assessment of low-temperature geothermal resources of the United States--1982: U.S. Geological Survey Circular 892.
- Reed, M. J., Mariner, R. H., Brook, C. A., and Sorey, M. L., 1983, Selected data for low-temperature (less than 90°C) geothermal systems in the United States; reference data for U.S. Geological Survey Circular 892: U.S. Geological Survey Open-File Report 83-250, 129 p.

TABLE 1

State of Idaho: computer-generated listing of records describing geothermal-fluid samples. [A few records may be for cold springs or wells--this was to provide ground-water references for some studies.]

ORGANIZATION: Records are sorted by county and then by the name of the spring or well. Order is the same in Appendix A.

QUALIFICATION CODES: All numeric attributes may be qualified. The codes and their meaning:

- L = less than
- G = greater than
- E = estimated
- T = trace (no numeric value reported)
- N = not detected (not followed by number)
- Q = qualified (other data in qualification field)
- R = midpoint of range (actual range in qualification field)

REFERENCE: An expanded citation of the reference is found in Appendix D. The abbreviated form used in this table is called "CODE" in the appendix. Unpublished sources are preceded with "*". Those which begin and end with a "*" are also found in Appendix D.

NOTE: All Appendices are found in the companion report, U.S. Geological Survey Open-File Report 83-431A.

WLCOMU 00001

GEOTHERM FILE 101 0025000

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... AGRI-CON OF IDAHO WELL #2
WELL/SPRING NUMBER... 01N-01E-25-D88

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 01N 001E 25 NW OF NW SE

LAT/LONG... 43-21.10 N 116-16.95 W

STATE... IDAHO

COUNTY... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 23

WELL DEPTH (M)... 85

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... IDAHO DEPARTMENT WATER RESOURCES

RECORD 00002

GEOTHERM FILE 101 0025003

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... AGRI-CON OF IDAHO WELL #3
WELL/SPRING NUMBER... 01N-01E-26-A00

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 01N 001E 26 SE OF SE NE

LAT/LONG... 43-23.63 N 116-17.66 W

STATE... IDAHO

COUNTY... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 25

WELL DEPTH (M)... 106

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00003

GEOTHERM FILE 101 0081002

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... AGRI-CON OF IDAHO WELL #5
WELL/SPRING NUMBER... 01N-01E-36-A01

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 01N 001E 36 SE OF NE NE

LAT/LONG... 43-22.99 N 116-16.42 W

STATE... IDAHO

COUNTY... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 22

WELL DEPTH (M)... 121

REFERENCE AND IDENTIFICATION

COMPILED BY... 11359, L/MIN

COMPILED AFFILIATION... PLIOCENE-PLEISTOCENE SEDIMENTS

REFERENCE... U.S. GEOLOGICAL SURVEY

DATE/ANALYST... 7-8

SPECIFIC CONDUCTANCE..... 248.
 TOTAL DISSOLVED SOLIDS... 1915.
 ANALYSIS IN MG/L

ISOTOPES 10/001

AL....	CH.....	MG....	105.		
AU....	CU.....	MU....	5102.	40.	
R.....	F.....	NA....	444.		
RA....	FE+3....	NA+K.	504..	528.	
CA....					
CL....					
CO....					

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980.

RECORD 00004

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025002

NAME OF SAMPLE SOURCE... AGRI-CON OF IDAHO WELL 1
 WELL/SPRING NUMBER..... 01N-01E-23-COA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES VIN 001E 23 NE OF SE SW
 STATE..... IDAHO
 COUNTY..... ADA

LAT/LONG... 43-21.21 N 116-16.82 W

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 106.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980.

RECORD 00005

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025009

NAME OF SAMPLE SOURCE... AL CLIFFORD WELL
 WELL/SPRING NUMBER..... 02N-01E-23-00A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 01E 23 NE OF SE SE
 STATE..... IDAHO
 COUNTY..... ADA

LAT/LONG... 43-29.52 N 116-17.72 W

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 04.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980.

RECORD 00006

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0081008

NAME OF SAMPLE SOURCE... ANN SPARKS WELL
 WELL/SPRING NUMBER..... 03N-02E-12-00A

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... BOISE SOUTH 1124000

TOWNSHIP-RANGE
 03N 002E 12 SE OF SE SW
 MENUS: BOISE

COORDINATES
 LAT/LONG... 43-36.28 N 116-09.67 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/31 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 75.
 WELL DEPTH (M)..... 143.
 DISCHARGE..... 7267 L/MIN

PENETRIENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 386.
 ALKALINITY..... 122. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 249.
 CHARGE IMBALANCE (% DIFF.)... 26.8

ANALYSIS IN MG/L

AG...	CO3.....	4.0	MG...	N		
AL...	CR.....		40...		SI02.	76.
AU...	CU.....		NA...	75.	SO4...	23.
BA...	F.....	24.	NO3...	0.08		
BR...	FE+3.....		PO4...	0.01		
CA...	HC03.....	141.				
CD...	M25.....					
CL...						
CO...						
	N.....	1.3				

ISOTOPES (10/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00007

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... ANN SPARKS HILL
 WELL/SPRING NUMBER... 03N-02E-12-SW

GEOHEM FILE 101 0025025

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA

COORDINATES
 LAT/LONG... 43-36.78 N 116-09.88 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 71.
 WELL DEPTH (M)..... 143.

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM-M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00008

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... M.S.U. WELL #1

GEOHEM FILE 101 0025027

WELL/SPRING NUMBER..... 03N-02E-02-D8D
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 TOWNSHIP-RANGE
 03N 002E 02 SE OF NW SE
 COORDINATES
 LAT/LONG... 43-36.64 N 116-10.25 W
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 78.
 WELL DEPTH (M)..... 86.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00009

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... R.S.U. WELL #2
 WELL/SPRING NUMBER..... 03N-02E-11-ABC
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 TOWNSHIP-RANGE
 03N 002E 11 SW OF NW NE
 COORDINATES
 LAT/LONG... 43-36.99 N 116-10.93 W
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 56. AT (M)..... 97.
 WELL DEPTH (M)..... 198.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00010

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... R.S.U. WELL #3
 WELL/SPRING NUMBER..... 03N-02E-11-543
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 TOWNSHIP-RANGE
 03N 002E 11 SW OF NW NE
 COORDINATES
 LAT/LONG... 43-37.09 N 116-11.00 W
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 78.
 WELL DEPTH (M)..... 191.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00011

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... R.S.U. WELL #4
 WELL/SPRING NUMBER..... 03N-02E-11-HAC
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 TOWNSHIP-RANGE
 03N 002E 11 SW OF NW NE
 COORDINATES
 LAT/LONG... 43-37.09 N 116-11.00 W
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 78.
 WELL DEPTH (M)..... 191.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00012

COUNTRY..... UNITED STATES 03N 002E 11 SW OF NE W
 STATE..... IDAHO
 COUNTY..... ADA
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 74
 WELL DEPTH (M)..... 372
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00012

GEOTHERM FILE 101 0015265

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... REARD WELL

WELL/SPRING NUMBER..... 03N-002E-11-AHCL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03N 002E 11 NW OF NE

LAT/LONG... 43-37.01 N 116-11.40 W

STATE..... IDAHO

UTM ZONE... 11

COUNTY..... ADA

NORTHING... 4829420

GEOLOGIC PROVINCE.. 17

EASTING... 565359

MAP REFERENCE..... 8015F NORTH 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/21 MITCHELL, JOHN

POINT OF COLLECTION.. WELL DISCHARGE PIPE

TEMPERATURE (C)..... 76.0

DISCHARGE..... 0.09 L/MIN

WATER TREATMENT..... 7 BUTTLE SAMPLE 3FA FU FU MU HC

WATER ANALYSIS

pH..... 8.5 AT (C) 25

SPECIFIC CONDUCTANCE..... 420

ALKALINITY..... 126 AS CaCO3

TOTAL DISSOLVED SOLIDS... 295

CHARGE IMBALANCE (X DIFF).... 6.1

ANALYSIS IN MU/L

AG..... CO3..... 13 LI..... 0.05

AL..... CR..... NO... N

AS..... 0.007

AU..... CU..... NO... 5120 80

BA..... FE..... NA... 29

CA..... 5.5 HCO3..... 120 SO4... 21

CD..... 16 Hg..... N

CO..... H2S..... PO4... 0.01

CL..... 3.1

CN.....

COPPER.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA

COMPILED AFFILIATION... IDAHO DEPT. WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00013

GEOTHERM FILE 101 0001015

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NEW STADEN WELL

WELL/SPRING NUMBER..... 03N-002E-26-DC01

LOCALITY

COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... ADA
GEOLOGIC PROVINCE.. 17

TOWNSHIP-RANGE

05N 001E 26 SE OF SW SE
MERID: BOISE

COORDINATES

LAT/LONG... 43-44.24 N 116-17.92 W

MAP REFERENCE..... EAGLE 1424000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/09 MITCHELL, JOHN

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 92.

DISCHARGE..... 3406. L/MIN

PERCENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS

ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

PH..... 7.9

AT(C) 29.

SPECIFIC CONDUCTANCE..... 2799.

ALKALINITY..... 90.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 205.

CHARGE IMBALANCE & DIFF. 1... 4.5

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG..... CO3..... N

AL..... CH.....

AU..... CU.....

H..... F..... 3.5

HA..... FE+3.....

CA..... 22. MC03..... 110.

CL..... 4.8

CO..... K..... 4.0

MG... 1.9

MO... 5102. 30.

NA... 37.

NA+K... 504. 47.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00014

OTHER SAMPLE FILE

NAME OF SAMPLE SOURCE... BILL LEACH WELL

WELL/SPRING NUMBER... 05N-01W-09-C00

LOCALITY

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE.. 17

TOWNSHIP-RANGE

05N 001W 09 SE OF SE SW

COORDINATES

LAT/LONG... 43-47.01 N 116-27.72 W

MAP REFERENCE.....

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.

WELL DEPTH (M)..... 140.

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEJANETA, RIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT WATER RESOURCES

RECORD 00015

OTHER SAMPLE FILE

NAME OF SAMPLE SOURCE... NOISE CITY PARK WELL

GEOTHERM FILE 101 0025020

WELL/SPRING NUMBER..... 03N-02E-11-BHD
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 90.
 WELL DEPTH (M)..... 1174.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-36.95 N 116-11.34 W

RECORD 00016

GEO THERM FILE 101 0081010

GEO THERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... ROISE WATER CORP. WELL
 WELL/SPRING NUMBER..... 03N-02E-35-ARC
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 MAP REFERENCE..... ROISE SOUTH 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION..... 1977/07/29 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 196.
 DISCHARGE..... 10976 L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

COORDINATES
 LAT/LONG... 43-33.48 N 116-09.58 W

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P1..... 7.3
 SPECIFIC CONDUCTANCE..... 294.
 ALKALINITY..... 79.
 TOTAL DISSOLVED SOLIDS..... 134.
 CHARGE BALANCE (% DIFF)..... 5.7

AS CaCO3

ANALYSIS IN MG/L

ISOTOPES (0/001)

AN.....	CO3.....	N			
AL.....	CH.....		MG.....	0.8	
AR.....	CU.....		MO.....		
B.....	F.....	0.3	VA.....	22.	
BA.....	FE.....		NA.....		
CA.....	HCO3.....	07.	NO3.....	0.28	
CL.....					
CO.....					

SI02... 23.
 S04... 14.

COMPILED BY..... BENMAN, GEORGE D.
 COMPILER AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00017

GEO THERM FILE 101 0025005

GEO THERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... C.T. STEWART WELL
 WELL/SPRING NUMBER..... 01N-02E-06-AAA

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 TOWN-SHIP-RANGE... 01N 002E 06 NE OF NE NE
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 32.
 WELL DEPTH (M)..... 117.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-27.52 N 116-15.23 W

RECORD 00018

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... CARL RUSH WELL
 WELL/SPRING NUMBER..... 04N-002E-04-BDC1

GEOTHERM FILE 101 0015258

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 TOWN-SHIP-RANGE... 04N 002E 04 SE OF NW
 MAP REFERENCE..... HOUSE NORTH 1124000

COORDINATES
 LAT/LONG... 43-42.48 N 116-13.38 W
 UTM ZONE... 11
 NORTHING... 4839519
 EASTING... 562602

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/09/08 MITCHELL, JOHN
 POINT OF COLLECTION.. SPIGOT IN PUMPHOUSE
 TEMPERATURE (C)..... 79.0
 DISCHARGE..... 17 L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3 RA FU FD WU RC

WATER ANALYSIS
 PH..... 7.3 AT(C) 25.
 SPECIFIC CONDUCTANCE... 290.
 ALKALINITY..... 120. AS CAC03
 TOTAL DISSOLVED SOLIDS... 211.
 CHARGE IMBALANCE (3 DIFF)..... 3.9
 ANALYSIS IN MG/L

AG... CO3... H... 0.03
 AS... 0.03 CR... HG... 3.1
 AU... CU... NI... 5102... 21.
 BA... 0.02 F... 2.0 VA... 30.
 BR... FE... NA... 50... 30.
 CA... 34. HCO3... 150.
 CL... H... N
 CO... H2S... N
 CR... K... 1.2

REFERENCE AND IDENTIFICATION
 COMPILED BY..... LEE, LINDA
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00019

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025051

NAME OF SAMPLE SOURCE... CARTWRIGHT WATER DIST.
 WELL/SPRING NUMBER..... 04N-02E-27-DBA
 LOCATION
 COUNTY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 04N 02E 27 NE OF NW SE
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 72
 WELL DEPTH (M)..... 213
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-39.29 N 116-11.96 W

RECORD 00020

GEOTHERM FILE 101 0025052

NAME OF SAMPLE SOURCE... CARTWRIGHT WATER DIST.
 WELL/SPRING NUMBER..... 04N-02E-27-DBA
 LOCATION
 COUNTY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 04N 02E 27 NE OF NW SE
 COUNTY..... ADA
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 72
 WELL DEPTH (M)..... 152
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-39.29 N 116-11.99 W

RECORD 00021

GEOTHERM FILE 101 0025050

NAME OF SAMPLE SOURCE... CARTWRIGHT WATER DIST.
 WELL/SPRING NUMBER..... 04N-02E-27-DBA
 LOCATION
 COUNTY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 04N 02E 27 NE OF NW SE
 COUNTY..... ADA
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 72
 WELL DEPTH (M)..... 213
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-39.28 N 116-11.96 W

RECORD 00022

GEOTHERM FILE 101 0025011

NAME OF SAMPLE SOURCE... CHARLES BAIN WELL
 WELL/SPRING NUMBER..... 02N-01E-26-ABA
 LOCATION
 COUNTY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 02N 01E 26 NE OF NW NE
 COUNTY..... ADA
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 72
 WELL DEPTH (M)..... 213
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-29.29 N 116-16.44 W

STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 87.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00023

GEOTHERM FILE 101 0025026

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLARK MAGSTADT WELL

WELL/SPRING NUMBER..... 03N-02E-10-HDC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03N 02E 10 SW OF SE 40

LAT/LONG... 43-36.71 N 116-12.35 W

STATE..... IDAHO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 24.

WELL DEPTH (M)..... 192.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00024

GEOTHERM FILE 101 0081018

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLAYTON FORSGREN

WELL/SPRING NUMBER..... 01N-01W-07-HCC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 01W 07 SW OF SW 40

LAT/LONG... 43-26.25 N 116-30.75 W

STATE..... IDAHO

COUNTY..... ADA

MAP REFERENCE..... MELBA 112-075

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/25 MITCHELL, JOHN

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 18.

DISCHARGE..... 459 L/MIN

PARENT MATERIAL..... PLEISTOCENE-PLISTOCENE SEDIMENTS.

ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION

SPECIFIC CONDUCTANCE..... 7.4

ALKALINITY..... 43-CAC03

TOTAL DISSOLVED SOLIDS... 439

CHLORIDE BALANCE IN DIFF. 1... 13.0

ANALYSIS IN 46/L

ISOTOPE 10/001

ANALYST

CO3..... N

ANALYST

CR.....

ANALYST

CU.....

MO..... 18.

MU.....

SI02... 43.

R..... F..... 0.3 NA... 60. S04.. 110.
 RA.... FE+3.... NA+K.
 CA.... 45. MC03.... 264.
 CL.... 27.
 CO.... K..... 6.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980.

RECORD 00025

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025083

NAME OF SAMPLE SOURCE... CLIFFORD SMITH WELL
 WELL/SPRING NUMBER..... 05N-01W-08-ADC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 05N 001W 08 S OF SE NE

LAT/LONG... 43-47.25 N 116-28.48 W

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.

WELL DEPTH (M)..... 151.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00026

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025049

NAME OF SAMPLE SOURCE... CHANE CREEK GOLF CLUB
 WELL/SPRING NUMBER..... 04N-02E-26-CCC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 002E 26 S OF SW SW

LAT/LONG... 43-39.50 N 116-11.90 W

STATE..... IDAHO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 225.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00027

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025063

NAME OF SAMPLE SOURCE... CLIFFORD SMITH WELL
 WELL/SPRING NUMBER..... 05N-01E-26-ADC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 05N 001E 26 SE OF SW SE

LAT/LONG... 43-44.21 N 116-18.40 W

STATE..... IDAHO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.

WELL DEPTH (M)..... 198.
REFERENCE AND IDENTIFICATION
COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00028

GEOTHERM FILE 101 0025036

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DALLAS HARRIS WELL
WELL/SPRING NUMBER..... 03N-03E-20-CAB
LOCATION.....
COUNTRY..... UNITED STATES 03N 003E 20 W OF NE SW
STATE..... IDAHO
COUNTY..... ADA

COORDINATES

LAT/LONG... 43-34.86 N 116-07.63 W

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 56

WELL DEPTH (M)..... 140

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... IDAHO DEPARTMENT WATER RESOURCES

RECORD 00029

GEOTHERM FILE 101 0025008

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAVID NEAL WELL
WELL/SPRING NUMBER..... 02N-01E-23-CAB
LOCATION.....
COUNTRY..... UNITED STATES 02N 001E 23 W OF NE SW
STATE..... IDAHO
COUNTY..... ADA

COORDINATES

LAT/LONG... 43-09.08 N 116-18.33 W

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25

WELL DEPTH (M)..... 85

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... SAVAGE, 1958

RECORD 00030

GEOTHERM FILE 101 0025085

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAVID TRAYLOR WELL
WELL/SPRING NUMBER..... 05N-01W-09-CAB
LOCATION.....
COUNTRY..... UNITED STATES 05N 001W 09 SE OF NE SW
STATE..... IDAHO
COUNTY..... ADA

COORDINATES

LAT/LONG... 43-46.96 N 116-18.89 W

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20

WELL DEPTH (M)..... 121

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00031

GEOTHERM FILE 101 0025020

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAVID-WEISS WELL

WELL/SPRING NUMBER..... 02N-02E-33-CDC

LOCATION

LODYSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 02N 002E 33 SW OF SE SW

LAT/LONG... 43-27.50 N 116-18.29 W

STATE..... IDAMO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 152.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAMO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00032

GEOTHERM FILE 101 0025086

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DEE HACHILLA WELL

WELL/SPRING NUMBER..... 05N-01W-08-ADU

LOCATION

LODYSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05N 001W 08 SE OF SE VE

LAT/LONG... 43-47.33 N 116-28.36 W

STATE..... IDAMO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 106.

DISCHARGE..... 52. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAMO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00033

GEOTHERM FILE 101 0015250

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DENNIS FLARE WELL

WELL/SPRING NUMBER..... 04N-001E-24-DCCI

LOCATION

LODYSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 001E 24 SW OF SE

LAT/LONG... 43-39.52 N 116-16.56 W

STATE..... IDAMO

COUNTY..... ADA

GEOLOGIC PROVINCE

WELL DEPTH (M)..... 112-140

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/09 MITCHELL, JOHN

POINT OF COLLECTION... HOSE SPIGOT ON WELL HEAD

TEMPERATURE (C)..... 27.0

DISCHARGE..... 99. L/MIN

WATER TREATMENT..... 7-HOT-TEMPERATURE SAMPLE JPA FU PD RU WC

WATER ANALYSIS

P4..... 7.6 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 310.
 ALKALINITY..... 164. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 237.
 CHARGE IMBALANCE (B DIFF.)... 4.8
 ANALYSIS IN MG/L

ISOTOPE 10/001

AG.....	CO3.....	N	LI...	0.3		
AL.....	CR.....		MG...	2.1		
AS..... 0.001						
AU.....	CU.....		MO...		512.	60.
B..... 0.11	F.....	0.6	NA...	42.	504..	3.1
HA.....	FE-3.....		NAK...			
HI.....	GA.....		NH4...	0.12		
CA..... 22.	MCU3.....	200.				
CA-MG...	MG.....	N				
CD.....	MPS.....		PO4...	0.12		
CL..... 2.0						
CO.....	K.....	5.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAMO DEPT. WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00036

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025012

NAME OF SAMPLE SOURCE... DESERT VIEW ESTATES

WELL/SPRING NUMBER..... 02N-01E-27-ADA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES U2N 001E 27

STATE..... IDAHO

COUNTY..... ADA

GEOL. JC PROVINCE... 17

LAT/LONG... 43-29.08 N 116-18.59 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 71.

WELL DEPTH (M)..... 412

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAMO DEPT. OF WATER RESOURCES

REFERENCE..... SAVAGE, 1958

RECORD 00035

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025062

NAME OF SAMPLE SOURCE... DON SWANSON WELL

WELL/SPRING NUMBER..... 05N-01E-25-CBC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES U5N 001E 25 50 OF 10 50

STATE..... IDAHO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 91.

WELL DEPTH (M)..... 91.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00036

GEOTHERM FILE 101 0025040

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... E. VAN HENDRICKS WELL
WELL/SPRING NUMBER..... 04N-02E-17-CDA

LOCATION

COUNTY..... UNITED STATES TOWNSHIP-RANGE 04N 02E 17 NE OF SE SW
STATE..... IDAHO
COUNTY..... ADA

COORDINATES

LAT/LONG... 43-40.76 N 116-14.67 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70
WELL DEPTH (M)..... 210

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEKANETA, KIM M.
COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00037

GEOTHERM FILE 101 0025001

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... E.L. HENNIS WELL
WELL/SPRING NUMBER..... 01N-01E-01-DAD

LOCATION

COUNTY..... UNITED STATES TOWNSHIP-RANGE 01N 00E 01 SE OF NE SE
STATE..... IDAHO
COUNTY..... ADA

COORDINATES

LAT/LONG... 43-20.00 N 116-06.00 W

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75
WELL DEPTH (M)..... 09
DISCHARGE..... 75 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEKANETA, KIM M.
COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00038

GEOTHERM FILE 101 0025043

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ED GENTHER WELL
WELL/SPRING NUMBER..... 04N-02E-19-AAC

LOCATION

COUNTY..... UNITED STATES TOWNSHIP-RANGE 04N 02E 19 SW OF NE NE
STATE..... IDAHO
COUNTY..... ADA

COORDINATES

LAT/LONG... 43-40.45 N 116-15.44 W

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70
WELL DEPTH (M)..... 64
DISCHARGE..... 50 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEKANETA, KIM M.
COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00039

GEOTHERM FILE 101 0025013

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ED JOHNSON WELL

WELL/SPRING NUMBER..... 02N-01E-35-MCD

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

02N 001E 35 SE OF SW NW

COORDINATES

LAT/LONG... 43-28.08 N 116-18.59 W

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.

WELL DEPTH (M)..... 103.

ANALYSIS AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... SAVAGE, 1958

RECORD 00040

GEOTHERM FILE 101 0081013

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... EDWARD GREENHOUSE WELL

WELL/SPRING NUMBER..... 04N-02E-29-ACD

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

04N 002E 29 SE OF SW NE

COORDINATES

LAT/LONG... 43-39.46 N 116-14.33 W

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... BOISE NORTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/31 YOUNG, BILL AND MITCHELL, JOHN

TEMPERATURE (C)..... 67.

WELL DEPTH (M)..... 165.

PERTINENT LITHOLOGY..... PLEISTOCENE-PLIOCENE SEDIMENTS.

ANALYSIS

DATE/ANALYST..... 03-03-03 GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 7.1

ALKALINITY..... 122. AS CaCO3

TOTAL DISSOLVED SOLIDS... 225.

CHARGE IMBALANCE (% DIFF.)... 24.8

ANALYSIS IN MU/L

CA..... 003..... 2.0

AL..... 003..... 2.0

MG..... 003..... 2.0

NA..... 003..... 2.0

K..... 003..... 2.0

FE+3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

MNO3..... 003..... 2.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

ISOTOPES 10/001

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00041

GEOTHERM FILE 101 0025062

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ELK CREEK HOT SPRINGS
WELL/SPRING NUMBER..... 03N-01W-25-ADD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 03N 001W 25 SE OF SE NE

LAT/LONG... 43-34.11 N 116-23.64 W

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 71.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00042

GEOTHERM FILE 101 0025062

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FIMEL PICKS WELL

WELL/SPRING NUMBER..... 04N-02E-19-AAC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 002E 19 SW OF NE NE

LAT/LONG... 43-40.51 N 116-16.65 W

STATE..... IDAHO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 71.

FIL DEPTH (M)..... 68.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00043

GEOTHERM FILE 101 0015260

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FEND KUCH WELL

WELL/SPRING NUMBER..... 03N-002E-02-CHD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 03N 002E 02 NW OF SW

LAT/LONG... 43-37.28 N 116-11.22 W

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

WATER REFERENCE... BOISE SOUTH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1977/06/10 MITCHELL, JOHN

POINT OF COLLECTION... HOSE IN PUMPHOUSE

TEMPERATURE (C)..... 49.0

WATER TREATMENT... 70 LPM

WATER ANALYSIS... 7 BOISE SAMPLE 3 FA FO FO MU MC

PH..... 9.0 ATIC 25.

SPECIFIC CONDUCTANCE..... 320.
 ALKALINITY..... 90. AS CAC03
 TOTAL DISSOLVED SOLIDS... 209.
 CHARGE IMBALANCE (% DIFF.)... 15.0
 ANALYSIS IN MG/L

AG....	CO3....	15.	LI....	0.03		
AL....	CR....		MG....	0.1		
AS....	0.009					
AU....	CU....		MO....		512.	39.
A....	0.1		NA....	72.		
BA....	FE+3....	3.1	NA+K..		504..	25.
CA....	HCO3....	80.				
CA+MG.	MG....	N				
CD....	H2S....		PO4..	N		
CL....	7.3					
CO....	K....	0.6				

ISOLOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILED AFFILIATION... IDAMO DEPT. WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00046

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0025006

NAME OF SAMPLE SOURCE... FLOYD EDWARDS WELL
 WELL/SPRING NUMBER..... 01N-01E-35-MDB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

01N 001E .35 W OF NW NW

LAT/LONG... 43-23.17 N 116-15.97 W

STATE..... IDAHO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 91.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAY, KIM M.

COMPILED AFFILIATION... IDAMO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00045

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0025021

NAME OF SAMPLE SOURCE... GARDEN CITY WELL

WELL/SPRING NUMBER..... 01N-002E-05-00A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

01N 002E .05 W OF SE SE

LAT/LONG... 43-37.25 N 116-14.31 W

STATE..... IDAHO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 247.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAY, KIM M.

COMPILED AFFILIATION... IDAMO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1990

RECUMB 00046

GEOTHERM FILE 101 0001032

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HARRY CHARTERS WELL

WELL/SPRING NUMBER... 015-01N-05 ABC

LOCATION

COUNTRY... UNITED STATES TOWNSHIP-RANGE 01S 001W 05 SW OF NW NE

STATE... IDAHO MERID: BUISE

COUNTY... ADA

GEOL. IC PROVINCE... 17

MAP REFERENCE... INITIAL POINT 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1976/08/13 MOSS

TEMPERATURE (C)... 25.5

WELL DEPTH (M)... 113.

DISCHARGE... 6.4813 L/MIN

PERTINENT LITHOLOGY... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

pH... 8.2

SPECIFIC CONDUCTANCE... 346.

ALKALINITY... 109.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 247.

CHARGE IMBALANCE IN DIFF... 2.6

ANALYSIS IN MG/L

AL... 0.9

AN... 0.5

H... 0.5

CA... 100

CN... 133

CL... 15

CO... 4.7

K... 4.7

MAG... 0.9

MNO... 0.5

NA... 40

NAR... 50

NO3... 1.4

PO4... 0.01

ISOTOPE (OZ/ML)

REFERENCE AND IDENTIFICATION

COMPILED BY... BENHAM, GEORGE D.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... YOUNG, 1977

RECORD 00047

GEOTHERM FILE 101 0025068

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HERB MONTGOMERY WELL

WELL/SPRING NUMBER... 01N-01N-15 ABC

LOCATION

COUNTRY... UNITED STATES TOWNSHIP-RANGE 01N 001W 15 SW OF SE NW

STATE... IDAHO

COUNTY... ADA

GEOL. IC PROVINCE... 17

MAP REFERENCE... INITIAL POINT 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1976/08/13 MOSS

TEMPERATURE (C)... 25.5

WELL DEPTH (M)... 113.

DISCHARGE... 6.4813 L/MIN

PERTINENT LITHOLOGY... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

pH... 8.2

SPECIFIC CONDUCTANCE... 346.

ALKALINITY... 109.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 247.

CHARGE IMBALANCE IN DIFF... 2.6

ANALYSIS IN MG/L

AL... 0.9

AN... 0.5

H... 0.5

CA... 100

CN... 133

CL... 15

CO... 4.7

K... 4.7

MAG... 0.9

MNO... 0.5

NA... 40

NAR... 50

NO3... 1.4

PO4... 0.01

REFERENCE AND IDENTIFICATION

COMPILED BY... BENHAM, GEORGE D.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00048

GEOTHERM FILE 101 0025069

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HERB MONTGOMERY WELL #2
WELL/SPRING NUMBER... 01N-01W-15-HDD

LOCATION

COUNTRY... UNITED STATES
STATE... IDAHO
COUNTY... ADA
TOWNSHIP-RANGE... 01N 001W 15 SE OF SE NW

COORDINATES

LAT/LONG... 43-25.38 N 116-26.71 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 71
WELL DEPTH (M)... 106

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00049

GEOTHERM FILE 101 0025073

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HERB MONTGOMERY WELL #3
WELL/SPRING NUMBER... 01N-01W-24-AAD

LOCATION

COUNTRY... UNITED STATES
STATE... IDAHO
COUNTY... ADA
TOWNSHIP-RANGE... 01N 001W 24 SE OF NE NE

COORDINATES

LAT/LONG... 43-24.79 N 116-23.68 W

SAMPLE DESCRIPTION AND CONDITIONS

DISCHARGE... 5587 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00050

GEOTHERM FILE 101 0015257

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WIDEN VALLEY WELL
WELL/SPRING NUMBER... 05N-001E-25-JCC

LOCATION

COUNTRY... UNITED STATES
STATE... IDAHO
COUNTY... ADA
GENERAL PROVINCE... 17
TOWNSHIP-RANGE... 05N 001E 25 SW OF NW

COORDINATES

LAT/LONG... 43-44.37 N 116-17.04 W
UTM ZONE... 11
NORTHING... 4842976
EASTING... 557657

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1977/08/08 MITCHELL, JOHN
MATERIAL OF COLLECTION... SPRING FROM WELL DISCHARGE PIPE
TEMPERATURE (C)... 77.5

WATER TREATMENT

WATER TREATMENT... 7 MULE SAMPLE JFA FU FD RU NC

WATER ANALYSIS

DUR... 0.6 AT(C) 25
SPECIFIC CONDUCTANCE... 340
ALKALINITY... 121 AS CAC03
TOTAL DISSOLVED SOLIDS... 246

CHARGE IMBALANCE (8 DIFF.)... 6.2

ANALYSIS IN MU/L

ISOTOPES (0/001)

AG....	CO3....	N	LI...	0.03		
AL....	CH....		MG...	4.3		
AS....	0.417					
AU....	CU....		MO...		5102.	30.
B....	0.64		NA...	28.	504..	54.
HA....	FE-3....	1.8	VA+K.			
CA....	38.					
CA+MG.	MCO3....	150.				
CO....	MG....	N	PO4..	4		
CL....	M25....					
CO....	R....	3.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA

COMPILED AFFILIATION... IDAHO DEPT. WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00051

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025057

NAME OF SAMPLE SOURCE... MINT BROS. FLORAL WELL #2

WELL/SPRING NUMBER..... 04N-02E-29-DAA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 02E 29 NE OF NE SE

LAT/LONG... 43-39.33 N 116-14.03 W

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 45.

WELL DEPTH (M)..... 381.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00052

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025050

NAME OF SAMPLE SOURCE... MINT BROTHERS FLORAL #1

WELL/SPRING NUMBER..... 04N-02E-28-CH

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 02E 28 NW OF NW SE

LAT/LONG... 43-39.30 N 116-13.93 W

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.

WELL DEPTH (M)..... 381.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT WATER RESOURCES

RECORD 00053

GEOTHERM FILE 101 0025050

GEOTHERM SAMPLE FILE
NAME OF SAMPLE SOURCE... HUNT BROTHERS WELL #3
WELL/SPRING NUMBER... 04N-02E-29-0AA

LOCATION
COUNTRY... UNITED STATES TOWNSHIP-RANGE
STATE... IDAHO 04N 02E 29 NE OF NE SE

COORDINATES
LAT/LONG... 43-39.34 N 116-13.85 W

COUNTY... ADA

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00054

GEOTHERM FILE 101 0025019

GEOTHERM SAMPLE FILE
NAME OF SAMPLE SOURCE... I.D.U. LAND AND BEEF WELL
WELL/SPRING NUMBER... 02N-02E-31-CDC

LOCATION
COUNTRY... UNITED STATES TOWNSHIP-RANGE
STATE... IDAHO 02N 02E 31 S OF SE SW

COORDINATES
LAT/LONG... 43-27.58 N 116-16.04 W

COUNTY... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 26
WELL DEPTH (M)... 121

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00055

GEOTHERM FILE 101 0025037

GEOTHERM SAMPLE FILE
NAME OF SAMPLE SOURCE... IDAHO DEPT OF TRANS.
WELL/SPRING NUMBER... 04N-01E-25-0CA

LOCATION
COUNTRY... UNITED STATES TOWNSHIP-RANGE
STATE... IDAHO 04N 01E 25 NE OF SW SE

COORDINATES
LAT/LONG... 43-39.08 N 116-16.89 W

COUNTY... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 24
WELL DEPTH (M)... 274

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00056

GEOTHERM FILE 101 0025054

GEOTHERM SAMPLE FILE
NAME OF SAMPLE SOURCE... IDAHO DEPT. OF TRANS. WELL
WELL/SPRING NUMBER... 04N-02E-33-CCC

LOCATION
COUNTRY... UNITED STATES TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 002E 33 SW OF SW SW
 STATE..... IDAHO
 COUNTY..... ADA
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 12.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00057

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE..... IDAHO STATE CAPITOL WELL
 WELL/SPRING NUMBER..... 03N-02E-10-ABA

GEOTHERM FILE ID: 0025022

LOCATION:
 COUNTY..... UNITED STATES 03N 002E 10 NE OF NW NE
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 60.
 WELL DEPTH (M)..... 127.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES

LAT/LONG... 43-37.08 N 116-11.90 W

RECORD 00058

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE..... TON LAND AND DEEP
 WELL/SPRING NUMBER..... 01N-02E-05-ABA

GEOTHERM FILE ID: 0081003

LOCATION:
 COUNTY..... UNITED STATES 01N 002E 06 NE OF NW NE
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..... 17
 MAP REFERENCE..... MORA 1424000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION..... 1944/05/05
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 123.
 PERMANENT LITHOLOGY..... PLIOCENE-PLISTOCENE SEDIMENTS.
 WATER ANALYSIS
 DATE ANALYST..... U.S. GEOLOGICAL SURVEY

COORDINATES

LAT/LONG... 43-27.52 N 116-19.58 W

PHYSIC CONDUCTANCE..... 299.
 SALINITY..... 110. AS CACO3
 TOTAL DISSOLVED SOLIDS..... 201.
 CHARGE BALANCE IN DIFF..... 1.0
 ANALYSIS IN MUF

ISOLOPES (0/001)

AL..... 2.0
 CU..... 2.0
 SI..... 2.0

R..... F..... 1.1 VA... 49.
 HA..... FE+3..... NA+K... 504.. 22.
 CA..... 14. HCO3... 134.
 CL..... 16. K..... 2.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00059

OTHER SAMPLE FILE

GEOTHERM FILE 101 0001033

NAME OF SAMPLE SOURCE... INITIAL BUTTE FARM
 WELL/SPRING NUMBER..... 015-01W-36-BHC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES DIS 001W 36 SW OF NW NW
 STATE..... IDAHO MERID: BUISE
 COUNTY..... ADA
 MAP REFERENCE..... INITIAL POINT 1124000

LAT/LONG... 43-17.85 N 116-24.76 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/04 MOSS

TEMPERATURE (C)..... 23.

WELL DEPTH (M)..... 160.

PERCENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

pH..... 8.1
 SPECIFIC CONDUCTANCE..... 386.
 ALKALINITY..... 93. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 264.
 CHARGE BALANCE (6 DIFF).... 3.5

ANALYSIS IN MG/L

ISOTOPIES 10/001

AG.....	CO3..... N	MG.....	5.7		
AL.....	CH.....	MO.....	5102.	32.	
AS.....	CU.....	NA.....	54.		
BA.....	F..... 0.5	NA+K...	504..	62.	
CA..... 14.	FE+3.....	NO3...	3.2		
CH.....	HCO3... 114.	PO4...	0.01		
CL..... 16.	H2S.....				
CO.....	K..... 4.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1977

RECORD 00060

OTHER SAMPLE FILE

GEOTHERM FILE 101 0025067

NAME OF SAMPLE SOURCE... IRVIN HOENLKE WELL #1
 WELL/SPRING NUMBER..... 01N-01W-00-00A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES DIS 001W 00 NE OF NW SE
 STATE..... IDAHO
 COUNTY..... ADA

LAT/LONG... 43-26.25 N 116-28.72 W

GEOLOGIC PROVINCE... 17
SAMPLE DESCRIPTION AND CONDITIONS
TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 79.
REFERENCE AND IDENTIFICATION
COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00061

GEOTHERM FILE 101 0025070

GEOOTHERM SAMPLE FILE
NAME OF SAMPLE SOURCE... IRVIN HOEMLKE WELL #2
WELL/SPRING NUMBER..... 01N-01W-17-ACA
LOCATION:
COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... ADA
GEOLOGIC PROVINCE... 17

COORDINATES

LAT/LONG... 43-25.57 N 110-28.70 W

SAMPLE DESCRIPTION AND CONDITIONS
TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 79.
REFERENCE AND IDENTIFICATION
COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... SAVAGE, 1958

RECORD 00062

GEOTHERM FILE 101 0025071

GEOOTHERM SAMPLE FILE
NAME OF SAMPLE SOURCE... IRVIN HOEMLKE WELL #3
WELL/SPRING NUMBER..... 01N-01W-17-CAB
LOCATION:
COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... ADA

COORDINATES

LAT/LONG... 43-25.32 N 110-29.14 W

SAMPLE DESCRIPTION AND CONDITIONS
TEMPERATURE (C)..... 22.
REFERENCE AND IDENTIFICATION
COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00063

GEOTHERM FILE 101 0001017

GEOOTHERM SAMPLE FILE
NAME OF SAMPLE SOURCE... JERRY DAVIS WELL
WELL/SPRING NUMBER..... 01N-01W-07-ACC
LOCATION:
COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... ADA
WELL REFERENCE..... MELBA 1124000

COORDINATES

LAT/LONG... 43-26.24 N 110-30.15 W

SAMPLE DESCRIPTION AND CONDITIONS
DATE OF COLLECTION..... 1976/08/12 U.S. GEOLOGICAL SURVEY
TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 197.
PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.
WATER ANALYSIS
DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.0
SPECIFIC CONDUCTANCE..... 656.
ALKALINITY..... 140. AS CaCO3
TOTAL DISSOLVED SOLIDS..... 470.
CHARGE IMBALANCE IS DIFF. 7.6
ANALYSIS IN MG/L

AG....	LO3....	N	MG....	20.	SI02..	45.
AL....	CH....		NO....	50.	NAOK..	100.
AU....	CU....		NO3..	4.2		
BA....	F....	0.2	PO4..	N		
BR....	FE+3....					
CA....	HC03....	171.				
CL....	HS....					
CO....		6.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG, 1977

RECORD 00064

GEOCHEM. SAMPLE FILE

GEOCHEM FILE ID# 0025044

NAME OF SAMPLE SOURCE... JESS UDAMU
WELL/SPRING NUMBER..... 04N-02E-21-CCA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 02E 21 NE OF SW SW
STATE..... IDAHO
COUNTY..... ADA
GEOLOGIC PROVINCE... 47

LAT/LONG... 43-40.55 N 116-13.70 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 7.6

WELL DEPTH (M)..... 274.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, RIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00065

GEOCHEM. SAMPLE FILE

GEOCHEM FILE ID# 0025046

NAME OF SAMPLE SOURCE... JOE CENTER WELLS #1
WELL/SPRING NUMBER..... 04N-02E-22-MCB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 02E 22 NW OF SW NW
STATE..... IDAHO
COUNTY..... ADA

LAT/LONG... 43-40.40 N 116-12.00 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 7.6

WELL DEPTH (M)..... 50.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, RIM M.

COMPILED AFFILIATION... IDAMU DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00066

GEOTHERM FILE 101 0025047

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOE TERTLING WELL #2

WELL/SPRING NUMBER..... 04N-02E-22-BCD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 02E 22 SE OF SW NW

LAT/LONG... 43-40.26 N 116-12.50 W

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 44

WELL DEPTH (M)..... 167

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAMU DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00067

GEOTHERM FILE 101 0025048

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOE TERTLING WELL #3

WELL/SPRING NUMBER..... 04N-02E-22-CBB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 02E 22 NW OF NW SW

LAT/LONG... 43-39.93 N 116-12.04 W

STATE..... IDAHO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 43

WELL DEPTH (M)..... 142

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAMU DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00068

GEOTHERM FILE 101 0025061

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHN RUEHM WELL

WELL/SPRING NUMBER..... 05N-01E-25-ACB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05N 01E 25 NW OF SW NE

LAT/LONG... 43-44.72 N 116-16.97 W

STATE..... IDAHO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20

WELL DEPTH (M)..... 40

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAMU DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00069

GEOTHERM FILE 101 0025066

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHN MURGESS WELL
WELL/SPRING NUMBER... 05N-JIE-29-DAA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES USN 001E 29 NE OF NE SE

LAT/LONG... 43-44.02 N 116-24.50 W

STATE... IDAHO

COUNTY... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 72

WELL DEPTH (M)... 155

DISCHARGE... 37 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00070

GEOTHERM FILE 101 0025006

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHN COOKWELL WELL

WELL/SPRING NUMBER... 02N-JIE-21-DDA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES USN 001E 21 NE OF SE SE

LAT/LONG... 43-29.51 N 116-20.08 W

STATE... IDAHO

COUNTY... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 73

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00071

GEOTHERM FILE 101 0061016

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JULIUS JERER WELL #1

WELL/SPRING NUMBER... 05N-JIE-35-ACA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES USN 001E 35 NE OF SW NE

LAT/LONG... 43-43.85 N 116-17.99 W

STATE... IDAHO

COUNTY... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 40

DISCHARGE... 45 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

WATER ANALYSIS

DATE ANALYST... 7-5

U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE... 285

ANALYSIS..... 94. AS CAC03
 TOTAL DISSOLVED SOLIDS... 143.
 CHARGE IMBALANCE (+ DIFF.)... 23.5

ANALYSIS.....
 AG.... C03.... 1.0
 AL.... CR.... MG.... N
 AU.... CU.... MO.... 33.
 H.... F.... NA.... 49.
 HB.... FE+3.... NO3.... 0.05
 CA.... 4.3 HCO3.... 112. PO4.... 0.03
 CD.... H2S....
 CL.... 4.4
 CO.... K.... 3.2

ISOTOPES 10/041

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00072

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID# 0025065

NAME OF SAMPLE SOURCE... JULIUS JERER WELL #2
 WELL/SPRING NUMBER..... 054-01E-36-HDB

LOCATION

LOWSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES USN 001E 36 W OF SE W
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 LAT/LONG... 43-43.90 N 116-17.29 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 74.
 WELL DEPTH (M)..... 121.
 DISCHARGE..... 75. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAY, KIM M.
 COMPILER AFFILIATION... IOWA DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00073

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID# 0025077

NAME OF SAMPLE SOURCE... KENNETH FORNEY WELL #1
 WELL/SPRING NUMBER..... 02N-01W-34-CUC

LOCATION

LOWSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES USN 001W 34 SW OF SE SW
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17
 LAT/LONG... 43-27.62 N 116-26.04 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 87.
 WELL DEPTH (M)..... 110.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAY, KIM M.
 COMPILER AFFILIATION... IOWA DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00074

GEOTHERM FILE 101 0025074

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KENNETH FORNEY WELL #2

WELL/SPRING NUMBER... 02N-01W-34-DAD

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

02N 001E 34 SE OF NE SE

COORDINATES

LAT/LONG... 43-27.87 N 116-25.97 W

STATE... IDAHO

COUNTY... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 20.

WELL DEPTH (M)... 137.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00075

GEOTHERM FILE 101 0025010

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KUMA EAST WATER CORP.

WELL/SPRING NUMBER... 02N-01E-24-CBA

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

02N 001E 24.00 OF NE SE

COORDINATES

LAT/LONG... 43-27.25 N 116-17.32 W

STATE... IDAHO

COUNTY... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 24.

WELL DEPTH (M)... 93.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... SAVAGE, 1950

RECORD 00076

GEOTHERM FILE 101 0025017

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... L.O.S. STAKE FARM WELL #1

WELL/SPRING NUMBER... 02N-02E-29-EAD

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

02N 002E 29 SE OF NE NE

COORDINATES

LAT/LONG... 43-29.13 N 116-14.00 W

STATE... IDAHO

COUNTY... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 23.

WELL DEPTH (M)... 167.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00077

GEOTHERM FILE 101 0025018

OBTAINER SAMPLE FILE

NAME OF SAMPLE SOURCE... L.D.S. STAKE FARM WELL #2
 WELL/SPRING NUMBER... 02N-02E-24-AAD
 LOCATION
 COUNTY... UNITED STATES 02N 02E 24 SE OF NE NE
 STATE... IDAHO
 COUNTY... ADA

COORDINATES

LAT/LONG... 43-06.79 N 116-14.01 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 75.
 WELL DEPTH (M)... 167.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00078

GEOTHERM FILE 101 0031128

OBTAINER SAMPLE FILE

NAME OF SAMPLE SOURCE... LETHA FISHER WELL
 WELL/SPRING NUMBER... 05N-01W-16-CAB
 LOCATION
 COUNTY... UNITED STATES 05N 01W 16 NW OF NE SW
 STATE... IDAHO
 COUNTY... ADA
 MAP REFERENCE... MONTANA 1302500

COORDINATES

LAT/LONG... 43-46.32 N 116-20.06 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1975/10/07 SWANSON
 POINT OF COLLECTION... WELLSHEAD
 TEMP-ATIME (C)... 71.
 WELL DEPTH (M)... 192.

PENTIMENT LITHOLOGY

PLIOCENE-PLEISTOCENE SEDIMENTS.

DATE/ANALYST... SWANSON (USGS)

PH... 7.9
 SPECIFIC CONDUCTANCE... 360.
 ALKALINITY... 144.
 TOTAL DISSOLVED SOLIDS... 275.
 CHARGE IMBALANCE IS DIFF. ... 14.8

AS CaCO3

ISOTOPE ANALYSIS

ANALYSIS IN M/L	CO2	N	MO	SI	SO
AT 100	9.3				
AT 200	9.3				
AT 300	9.3				
AT 400	9.3				
AT 500	9.3				
AT 600	9.3				
AT 700	9.3				
AT 800	9.3				
AT 900	9.3				
AT 1000	9.3				
AT 1100	9.3				
AT 1200	9.3				
AT 1300	9.3				
AT 1400	9.3				
AT 1500	9.3				
AT 1600	9.3				
AT 1700	9.3				
AT 1800	9.3				
AT 1900	9.3				
AT 2000	9.3				
AT 2100	9.3				
AT 2200	9.3				
AT 2300	9.3				
AT 2400	9.3				
AT 2500	9.3				
AT 2600	9.3				
AT 2700	9.3				
AT 2800	9.3				
AT 2900	9.3				
 				
AT 6700	9.3				
AT 6800	9.3				
AT 6900	9.3				
AT 7000	9.3				
AT 7100	9.3				
AT 7200	9.3				
AT 7300	9.3				
AT 7400	9.3				
AT 7500	9.3				
AT 7600	9.3				
AT 7700	9.3				
AT 7800	9.3				
AT 7900	9.3				
AT 8000	9.3				
AT 8100	9.3				
AT 8200	9.3				
AT 8300	9.3				
AT 8400	9.3				
AT 8500	9.3				
AT 8600	9.3				
AT 8700	9.3				
AT 8800	9.3				
AT 8900	9.3				
AT 9000	9.3				
AT 9100	9.3				
AT 9200	9.3				
AT 9300	9.3				
AT 9400	9.3				
AT 9500	9.3				
AT 9600	9.3				
AT 9700	9.3				
AT 9800	9.3				
AT 9900	9.3				
AT 10000	9.3				

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00079

GEOTHERM FILE 101 0025039

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LILLIAN BARNES #2
WELL/SPRING NUMBER... 04N-02E-17-CBA

LOCATION

IDWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 04N 02E 17 NE OF NW SW

LAT/LONG... 43-41.00 N 116-15.61 W

STATE... IDAHO

COUNTY... ADA

GEOLD-IC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 72

WELL DEPTH (M)... 377

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00080

GEOTHERM FILE 101 0025038

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LILLIAN BARNES WELL #3
WELL/SPRING NUMBER... 04N-02E-08-UCC

LOCATION

IDWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 04N 02E 08 SW OF SW SE

LAT/LONG... 43-40.87 N 116-14.93 W

STATE... IDAHO

COUNTY... ADA

GEOLD-IC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 41

WELL DEPTH (M)... 513

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00081

GEOTHERM FILE 101 0081000

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LILLIE COLLINS WELL
WELL/SPRING NUMBER... 01N-01E-01-DHA1

LOCATION

IDWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 01N 01E 01 SW OF SE NE

LAT/LONG... 43-23.60 N 116-16.75 W

STATE... IDAHO

COUNTY... ADA

GEOLD-IC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 75

WELL DEPTH (M)... 146

REFERENCE AND IDENTIFICATION

COMPILED BY... MITCHELL, JOHN

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

DATE/ANALYST... 1975/08/12 MITCHELL, JOHN

TEMPERATURE (C)... 75

WELL DEPTH (M)... 146

REFERENCE AND IDENTIFICATION

COMPILED BY... MITCHELL, JOHN

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

DATE/ANALYST... 1975/08/12 MITCHELL, JOHN

TEMPERATURE (C)... 75

WELL DEPTH (M)... 146

P..... 8.1
 SPECIFIC CONDUCTANCE..... 347.
 ALKALINITY..... 122. AS CAC03
 TOTAL DISSOLVED SOLIDS... 238.
 CHARGE IMBALANCE (3 DIFF.)... 2.3

ANALYSIS IN MG/L

AL.....	CA.....	MG.....	5.8		
AU.....	CU.....	MO.....		5102.	31.
BA.....	FE.....	NA.....	0.7	48.	
CA.....	FE+3.....	NA+K.....		504.	39.
CO.....	HCO3.....	NO3.....	149.	1.0	
CL.....	H2S.....	PO4.....		0.02	
CD.....	K.....		2.6		

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1977

RECORD 00002

GEOTHERM FILE 101 0025075

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ILYOD NOE WELL #1
 WELL/SPRING NUMBER... 01N-01-30-ADA

LOCATION

COUNTY..... UNITED STATES... 01N 001- 30 NE OF SE NE

STATE..... IDAHO

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77.

WELL DEPTH (M)..... 74.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWATER, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00003

GEOTHERM FILE 101 0025076

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ILYOD NOE WELL #2

WELL/SPRING NUMBER... 01N-01-31-CAD

LOCATION

COUNTY..... UNITED STATES... 01N 001- 31 SE OF NE SE

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 74.

WELL DEPTH (M)..... 121.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWATER, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00086

GEOTHERM FILE 101 0025087

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MEL BROWN WELL
WELL SPRING NUMBER... 025-01E-20-0AB

LOCATION

IDANSALE-RANGE

COORDINATES

LAT/LONG... 43-14.35 N 110-21.31 W

COUNTRY... UNITED STATES

025 001E 20 NW OF NE SE

STATE... IDAHO

COUNTY... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 27.

WELL DEPTH (M)... 179.

REFERENCE AND IDENTIFICATION

COMPILED BY... AIDEANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00085

GEOTHERM FILE 101 0025078

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIKE VANDEWEGE WELL
WELL SPRING NUMBER... 01N-44-32-AB

LOCATION

IDANSALE-RANGE

COORDINATES

LAT/LONG... 43-23.07 N 115-59.02 W

COUNTRY... UNITED STATES

01N 004E 32 W OF NE SE

STATE... IDAHO

COUNTY... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 21.

WELL DEPTH (M)... 210.

REFERENCE AND IDENTIFICATION

COMPILED BY... AIDEANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00086

GEOTHERM FILE 101 0001001

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NICHOLSON WELL
WELL SPRING NUMBER... 01N-01E-01-AUC1

LOCATION

IDANSALE-RANGE

COORDINATES

LAT/LONG... 43-23.60 N 110-10.75 W

COUNTRY... UNITED STATES

01N 001E 25 NE OF NW SE

STATE... IDAHO

COUNTY... ADA

GEOLOGIC PROVINCE... 17

REFERENCE AND IDENTIFICATION

DATE OF COLLECTION... 1976/08/02 MITCHELL, JOHN

TEMPERATURE (C)... 25.

WELL DEPTH (M)... 162.

REFERENCE AND IDENTIFICATION

COMPILED BY... PLIOCENE PLIOCENE SEDIMENTS.

COMPILED AFFILIATION...

REFERENCE... 0055

SPECIFIC CONDUCTANCE... 207.

ALUMINUM..... 98.
 TOTAL DISSOLVED SOLIDS... 17.
 CHARGE IMBALANCE (8 DIFF.)... 2.6

AS CAC03

ANALYSIS IN MU/L

AG.... CO3....
 AL.... CR....
 AU.... CU....
 B.... F.... 0.4
 BA.... FE+3....
 CA.... 17. MC03.... 119.
 CO.... M2S....
 CL.... 6.8
 CO.... K.... 2.3

LI....
 MG.... 2.6
 MO....
 NA.... 30.
 NA+K....
 NO3.... 0.76
 PO4.... 0.01

SB....
 SC....
 SI02.... 3M.
 SO4.... 15.

ISOTOPES (0/001)

DEL D OF WATER..... -128.8
 DEL D(18) OF WATER... -16.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILED AFFILIATION... TUAMU DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1977

RECORD 00087

GEOTHERM FILE 101 0025007

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NILES CLARK WELL
 WELL/SPRING NUMBER..... 02N-01E-23-BAC

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17

TOWNSHIP-RANGE

02N 001E 23 SW OF NE 4W

COORDINATES

LAT/LONG... 43-30.00 N 116-18.33 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 74.
 WELL DEPTH (M)..... 117.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... TUAMU DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00088

GEOTHERM FILE 101 0025023

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... OLD HOUSE HOTEL WELL
 WELL/SPRING NUMBER..... 03N-02E-10-ABB

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17

TOWNSHIP-RANGE

03N 002E 10 NW OF NW 4E

COORDINATES

LAT/LONG... 43-37.06 N 116-12.06 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 64.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... TUAMU DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00089

GEOTHERM FILE 101 0081004

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... OLD PENITENTIARY WELL
 WELL/SPRING NUMBER... 03N-02E-13-ACB 1
 LOCATION...
 COUNTY... UNITED STATES
 STATE... IDAHO
 COUNTY... ADA
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE... BOISE SOUTH 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR... 1976/11/06 MITCHELL, JOHN
 TEMPERATURE (C)... 59
 WELL DEPTH (M)... 266
 DISCHARGE... 2650 L/MIN
 PERTINENT LITHOLOGY... PLIOCENE-PLEISTOCENE SEDIMENTS.

COORDINATES

LAT/LONG... 43-35.89 N 116- 9.57 W

ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....

P.....

SPECIFIC CONDUCTANCE.....

ALKALINITY.....

TOTAL DISSOLVED SOLIDS...

ANALYSIS IN MG/L

AG....

AL....

AI....

A.... 0.03

HI....

CA.... 1.0

CO....

CL.... 0.4

CO....

K.....

8.7

402

115

217

CO3....

CR....

CU....

F....

GA....

MCO3....

M2S....

R.....

20

19

100

0.78

MG...

MO...

NA...

NH4...

NU3...

PO4...

0.01

77

0.5

0.02

SID2.

42

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00030

GEOTHERM FILE 101 0025033

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... OLD PENITENTIARY WELL #1

WELL/SPRING NUMBER... 03N-02E-13-AAC

LOCATION...
 COUNTY... UNITED STATES
 STATE... IDAHO
 COUNTY... ADA
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE... BOISE SOUTH 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR... 1976/11/06 MITCHELL, JOHN
 TEMPERATURE (C)... 59
 WELL DEPTH (M)... 266
 DISCHARGE... 2650 L/MIN
 PERTINENT LITHOLOGY... PLIOCENE-PLEISTOCENE SEDIMENTS.

COORDINATES

LAT/LONG... 43-36.10 N 116-09.37 W

COUNTY... UNITED STATES

STATE... IDAHO

COUNTY... ADA

GEOLOGIC PROVINCE... 17

MAP REFERENCE... BOISE SOUTH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1976/11/06 MITCHELL, JOHN

TEMPERATURE (C)... 59

WELL DEPTH (M)... 266

DISCHARGE... 2650 L/MIN

PERTINENT LITHOLOGY... PLIOCENE-PLEISTOCENE SEDIMENTS.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDGEMAN, RICHARD

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00041

GEOTHERM FILE 101 0025060

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... RICHARD SMITH WELL

WELL/SPRING NUMBER..... 04N-02E-34-CAA
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE.....
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 304.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-38.39 N 116-12.17 W

RECORD 00042

GEOTHERM FILE 101 0025014

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... RONALD YANKE
 WELL/SPRING NUMBER..... 02N-02E-19-ADD
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 205.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-29.99 N 116-15.27 W

RECORD 00043

GEOTHERM FILE 101 0025080

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... SAM GABRIOLA WELL #1
 WELL/SPRING NUMBER..... 02N-01W-35-CAA
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 95.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-27.73 N 116-25.46 W

RECORD 00044

GEOTHERM FILE 101 0025081

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... SAM GABRIOLA WELL #2
 WELL/SPRING NUMBER..... 02N-01W-35-00A
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 95.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-27.95 N 116-24.84 W

STATE..... IDAHO
COUNTY..... ADA
SAMPLE DESCRIPTION AND CONDITIONS
TEMPERATURE (C)..... 72.
WELL DEPTH (M)..... 140.
ANALYSIS AND IDENTIFICATION
ANALYZED BY..... RIDEGANETA, KIM M.
EMPLOYER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00095

GEUTHEM FILE 101 0001014

0000001 SAMPLE-1PLE
NAME OF SAMPLE SOURCE... SHADON VALLEY WELL
WELL/SPRING NUMBER..... 05N-JIE-25-HCCI
1004PPO, 100451P-RAYO

COORDINALES

LAI/LUNG... 43-44.60 N 116-17.20

COUNTY.....	UNITED STATES	05N 001E 25 SW OF SW 14
STATE.....	IDAH0	MEMPHIS HOUSE
COUNTY.....	ADA	
GEOLOGIC PROVINCE..	17	
MAP REFERENCE.....	EAGLE 1124000	

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1977/08/08 MITCHELL, JOHN

TEMPERATURE (C)..... 74.

ELI DEPTH (M) 92.

DISCHARGE..... 1703. L/MIN

7. PENTJ. ENT. LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.6 AT(C) 28.

SPECIFIC CONDUCTANCE..... 340.

AL KAL INITY..... 123. AS CAC03

*** TOTAL DISSOLVED SOLIDS... 245.

CHARGE: IMBALANCE IN DIFF. 1... 0.4

ANALYSIS IN 1970

ISUIOPES 10/04

[illegible]

REFERENCE AND IDENTIFICATION

COLLECTED BY..... DENMAN, GEORGE O

COMPILER AFFILIATION, IDAHO DEPARTMENT OF WATER RESOURCES

DIFFERENCE..... MILNETS AND OTHERS. 1000

RECORD 00096

GEUTHERM FILE 101 0081019

GENTMAN'S SAMPLE LTR
 NAME J SAMPLE SUINCE... SHANE DOES WELL
 WELL SPRING TOWMAN OLIVIA IS DAA
 CONTIN OWNERSHIP-WANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 001W 15 NE OF NE SE LAT/LONG... 43-25.36 N 116-25.98 W
 STATE..... IDAHO MERID: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... KUNA 1324000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1976/08/12 ROSS
 TEMPERATURE (C)..... 22.5
 WELL DEPTH (M)..... 165
 DISCHARGE..... 10598 L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.
 WATER ANALYSIS
 PH..... 8.1
 SPECIFIC CONDUCTANCE..... 331
 ALKALINITY..... 107 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 240
 C-ANION IMBALANCE (A DIFF.)... 1.4
 ANALYSIS IN MG/L
 AG..... CO3..... M LI..... SB.....
 AL..... CR..... MG..... 7.0 SC.....
 AU..... CU..... MO.....
 BA..... F..... 0.3 NA..... 39.
 BR..... FE..... NA..... 37.
 CA..... 20. HCO3..... 130. NO3..... 1.2
 CD..... H2S..... PO4..... 0.01
 CL..... 15.
 CO..... K..... 4.9
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1977

RECORD 00097

GEOTHERM FILE 101 0025016

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STATE PRISON WELL #1

WELL/SPRING NUMBER..... 02N-02E-27-DMO

LOCATION

COUNTRY..... UNITED STATES LONGSHIP-RANGE COORDINATES

STATE..... IDAHO LAT/LONG... 43-28.70 N 116-11.94 W

COUNTY..... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23

REFERENCE AND IDENTIFICATION

COMPILED BY..... AIOEGANETA, RIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00098

GEOTHERM FILE 101 0025015

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STATE PRISON WELL #2

WELL/SPRING NUMBER..... 02N-02E-27-CCC

LOCATION

COUNTRY..... UNITED STATES LONGSHIP-RANGE COORDINATES

STATE..... IDAHO LAT/LONG... 43-28.70 N 116-11.94 W

COUNTY..... ADA
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 74.
 WELL DEPTH (M)..... 184.
 REFERENCE AND IDENTIFICATION
 SAMPLED BY..... RIDEGANETA, KIM M.
 COMPUTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00049

GEOTHERM FILE 101 0001005

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STATE TRANSPORTATION DEPARTMENT WELL
 WELL SPRING NUMBER..... 02N-03E-28-CAD

COORDINATES

LAT/LONG... 43-28.67 N 116-06.37 W

LOCATION
 COUNTY..... UNITED STATES 02N 003E 28 SE OF NE SW
 STATE..... IDAHO MERID: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... INDIAN CREEK 112400

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/UB/OK U.S. GEOLOGICAL SURVEY

TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 297.

DISCHARGE..... 227. L/MIN

PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.4

SPECIFIC CONDUCTANCE..... 232.

TOTAL DISSOLVED SOLIDS... 172.

CHARGE IMBALANCE (± DIFF.)... 7.0

ANALYSIS IN MUGL

ISOTOPIES (OZ/001)

AG.....	CO3.....	N			
AL.....	CR.....		46...	0.9	
AU.....	CU.....		40...		\$132.
B.....	F.....	0.3	14...	19.	
BA.....	FE+3...		NA...		\$04...
CA.....	HCO3...	119.	NO3...	2.0	
CD.....	H2S.....		PO4...	0.05	
CL.....					
CO.....		1.3			

REFERENCE AND IDENTIFICATION

SAMPLED BY..... DENHAM, GEORGE O.
 COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1977

RECORD 00100

GEOTHERM FILE 101 0025072

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TERRY FLUCKER WELL #1

WELL SPRING NUMBER..... 01N-01W-22-CAC

LOCATION

COUNTY..... UNITED STATES 01N 001W 22 SW OF NE SW

STATE..... IDAHO

COORDINATES

LAT/LONG... 43-24.28 N 116-26.83 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
WELL DEPTH (M)..... 100.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00101

GEOTHERM FILE 101 0025074

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TERRY TULCEK WELL #3
WELL/SPRING NUMBER..... 01N-01N-27-000

LOCATION

COUNTRY..... UNITED STATES
STATE..... IDAMO
COUNTY..... ADA

TOWNSHIP-RANGE

01N 001W 27 W OF N4 W4

COORDINATES

LAT/LONG... 43-23.99 N 116-27.16 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.
WELL DEPTH (M)..... 107.
DISCHARGE..... 4542.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00102

GEOTHERM FILE 101 0081012

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TERRY-TULCEK WELL #2
WELL/SPRING NUMBER..... 01N-01N-22-000

LOCATION

COUNTRY..... UNITED STATES
STATE..... IDAMO
COUNTY..... ADA
GEOLOGIC PROVINCE... 17

TOWNSHIP-RANGE

01N 001W 22 SE OF SE SE

COORDINATES

LAT/LONG... 43-24.11 N 116-20.03 W

MAP REFERENCE..... KUVA 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.
WELL DEPTH (M)..... 02.
PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 210.

ALKALINITY..... 540.0 MEAS-CACO3

TOTAL DISSOLVED SOLIDS... 5762.

CHARGE IMBALANCE (8 DIFF.)... 87.0

SUBSIST (IN MU/L)

Al...	Ca...	Mg...	55.	5102.	37.
AT...	Cl...	Na...	541.	504.	970.
H...	Fe...	Na...			
HA...	Fe...	Na...			
CA...	629.	MCU3...	6589.		
CL...	340.				
CO...					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00103

GEOTHERM FILE 101 0025045

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TERTELING HOT SPRINGS

WELL/SPRING NUMBER..... 04N-02E-22-88A

LOCATION..... TOWNSHIP-RANGE 04N 002E 22 NE OF NW 1/4

COORDINATES

LAT/LONG... 43-40.61 N 116-12.46 W

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41

DISCHARGE..... 37 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00104

GEOTHERM FILE 101 0001590

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL NORTH OF KUNA BUTTE (1)

WELL/SPRING NUMBER..... 02N-01W-14-CCD1

LOCATION..... TOWNSHIP-RANGE 02N 001W 14 SE OF SW SW

COORDINATES

LAT/LONG... 43-27.6 N 116-27.0 W

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... KUNA 1:24000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION..... 1976/09/12

TEMPERATURE (C)..... 25

WELL DEPTH (M)..... 107

ANALYSIS

SPECIFIC CONDUCTANCE..... 252

ALKALINITY..... 127 AS HCO₃

TOTAL DISSOLVED SOLIDS... 176

CHARGE BALANCE (A DIFF)..... 1.5

ANIONS IN MU/L

AG..... CO₃..... N

AL..... CH..... 1.2

AR..... CU..... 5102. 31.

AS..... F..... 0.5 NA..... 30.

BA..... FE..... 504. 16.

CA..... HCO₃..... 121

CU..... H₂S..... 0.9

CL..... H₂S..... N

CO..... K..... 2.0

CR..... NO₃ INCLUDES NO₂

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH, WANDY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG, 1977

RECORD 00105

GEOTHERM FILE 101 0001589

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL SW OF MAYFIELD (1)

WELL/SPRING NUMBER..... 01N-04E-12-AA81

LOCATION

COUNTRY..... UNITED STATES 01N 004E 12 NW OF NE NE

STATE..... IDAHO

COUNTY..... ADA

MAP REFERENCE..... MAYFIELD 1362500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/03

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 217.

WATER ANALYSIS

P..... 7.5

SPECIFIC CONDUCTANCE..... 222.

ALKALINITY..... 122.

TOTAL DISSOLVED SOLIDS..... 163.

CHARGE IMBALANCE (% DIFF.)... 3.7

ANALYSIS IN MG/L

AG..... CO3..... N

AL..... CR.....

AR..... CU.....

AS..... F..... 0.3

HA..... FE+3.....

CA..... 22. HCO3..... 122.

CO..... H2S.....

CL..... 3.6

CO..... K..... 2.0

QUALIFICATION FIELD..... V03 INCLUDES NO2

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH, WANDY

COMPILER AFFILIATION... U.S.G.S.

REFERENCE..... YOUNG, 1977

COORDINATES

LAT/LONG... 43-23.1 N 115-54.8 W

ISOTOPES (02/001)

DEL D OF WATER..... -125.0

DEL O (18) OF WATER... -16.6

Li... SB...

MG... 4.9 SC...

MU... SI02... 46.

NA... 15. S04... 8.2

NA+K... V03... 0.31

PO4... 0.06

RECORD 00106

GEOTHERM FILE 101 0001591

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL WEST OF BLACKS CREEK RESERVOIR (1)

WELL/SPRING NUMBER..... 02N-02E-34-CC01

LOCATION

COUNTRY..... UNITED STATES 02N 002E 34 SE OF SW SW

STATE..... IDAHO

COUNTY..... ADA

MAP REFERENCE..... DUTHE 112-000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/02

TEMPERATURE (C)..... 22.5

WELL DEPTH (M)..... 154.

COORDINATES

LAT/LONG... 43-27.6 N 116-12.6 W

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 301.
 ALKALINITY..... 129.
 TOTAL DISSOLVED SOLIDS..... 235.
 CHARGE IMBALANCE (8 DIFF.)... 1.4
 ANALYSIS IN MG/L

AS MC03

ISOTOPES 10/2001

AG..... CO3..... N
 AL..... CR.....
 AU..... CU.....
 H..... F..... 0.8
 HA..... FE+3.....
 CA..... 17..... MC03..... 129.
 CO..... H2S.....
 CL..... 24.....
 CO..... K..... 1.1

MG..... 1.0
 MO..... 5102. 21.
 NA..... 61.
 NA+K..... 504. 35.
 NO3..... 2.3
 PO4..... N

QUALIFICATION FIELD..... NO3 INCLUDES NO2

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY
 COMPUTER AFFILIATION..... U.S.G.S.
 REFERENCE..... YOUNG, 1977

RECORD 00107

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0025053

NAME OF SAMPLE SOURCE... VIC NIBBLER WELL
 WELL/SPRING NUMBER..... 04N-02E-28-ADD

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17

COORDINATES

LAT/LONG... 43-39.70 N 116-13.27 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 48.
 WELL DEPTH (M)..... 396.

REFERENCE AND IDENTIFICATION

COMPILED BY..... HUEGANETA, KIM M.
 COMPUTER AFFILIATION... IOWA DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00108

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0025034

NAME OF SAMPLE SOURCE... WARM SPRINGS MESA SUMO
 WELL/SPRING NUMBER..... 03N-02E-24-AC2

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... ADA
 GEOLOGIC PROVINCE... 17

COORDINATES

LAT/LONG... 43-33.48 N 116-09.58 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 31.
 WELL DEPTH (M)..... 150.

REFERENCE AND IDENTIFICATION

COMPILED BY..... HUEGANETA, KIM M.
 COMPUTER AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00109

GEOTHERM FILE 101 0025032

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARW SPRINGS WATER DIST.

WELL/SPRING NUMBER..... 03N-02E-12-CDD

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03N 02E 12 SE OF SE SW

STATE..... IDAHO

COUNTY..... ADA

GEOLOGIC PROVINCE... 17

COORDINATES

LAT/LONG... 43-36.29 N 116-09.76 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77

WELL DEPTH (M)..... 121

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00110

GEOTHERM FILE 101 0081004

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARREN TOZER WELL

WELL/SPRING NUMBER..... 02V-03E-10-BCB

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 02V 03E 10 NW OF SW NW

STATE..... IDAHO

COUNTY..... ADA

MAP REFERENCE..... LUCKY PEAK 1124000

COORDINATES

LAT/LONG... 43-31.58 N 116-05.54 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/03 MITCHELL

TEMPERATURE (C)..... 70

WELL DEPTH (M)..... 144

PERMEANT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE ANALYST..... RUSS

PH..... 7.3

SPECIFIC CONDUCTANCE... 193

ALKALITY..... 83 AS CaCO3

TOTAL DISSOLVED SOLIDS... 130

CHARGE IMBALANCE (A DIFF)..... 0.9

ANALYSIS IN MG/L

AG..... CO3..... N

AL..... CH.....

AU..... CU.....

BA..... FE.....

BR..... HCO3.....

CA..... H2S.....

CL.....

CO.....

CR.....

CU.....

FE.....

HCO3.....

H2S.....

K.....

Mg.....

Mn.....

Na.....

Ni.....

P.....

PO4.....

S.....

Si.....

Ti.....

Zn.....

ISOTOPES (0/001)

DEL D OF WATER..... -126.0

DEL O (18) OF WATER... -17.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG, 1977

RECORD 00111

GEOTHERM FILE 101 0025055

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WAYNE CHURCH WELL #1
WELL/SPRING NUMBER... 04N-02E-29-ACDLOCATION, TOWNSHIP-RANGE
COUNTRY... UNITED STATES 04N 02E 29 SE OF SW NECOORDINATES
LAT/LONG... 43-39.37 N 116-14.24 W

STATE... IDAHO

COUNTY... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 39.

WELL DEPTH (M)... 423.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00112

GEOTHERM FILE 101 0025056

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WAYNE CHURCH WELL #2

WELL/SPRING NUMBER... 04N-02E-29-ACD

LOCATION, TOWNSHIP-RANGE
COUNTRY... UNITED STATES 04N 02E 29 SE OF SW NECOORDINATES
LAT/LONG... 43-39.37 N 116-14.26 W

STATE... IDAHO

COUNTY... ADA

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 21.

WELL DEPTH (M)... 24.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00113

GEOTHERM FILE 101 0025041

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILLIAM GALLOWAY WELL #1

WELL/SPRING NUMBER... 04N-02E-19-AB

LOCATION, TOWNSHIP-RANGE
COUNTRY... UNITED STATES 04N 02E 19 NE OF NE NECOORDINATES
LAT/LONG... 43-40.57 N 116-15.41 W

STATE... IDAHO

COUNTY... ADA

GEOLOGIC PROVINCE... 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 25.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

2

NAME OF SAMPLE SOURCE... RILL KAMPETER SPRING
WELL/SPRING NUMBER..... 10N-014-15-BAC1

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

LAI/LUNG... 44-43.70 N 116-20.78 #

TEMPERATURE (C).....	22.	
WELL DEPTH (M).....	35.	
DISCHARGE.....	113.	L/MINE

COMPILED BY..... RIDEGAVETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

100

1

NAME OF SAMPLE SOURCE... BOULDER CREEK RESORT
WELL/SPRING NUMBER... 12N-01E-34-PAD15

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

LAT/LONG... 45-11.98 N 116-18.25 W
UTM ZONE... 11
NORTHING... 4988845.
EASTING... 553442.

DATE OF COLLECTION..... 1977/10/19 MITCHELL, JOHN
TIME OF ARRIVAL (IC)..... 26.0
DISCHARGE..... 19. 1741N

WATER TREATMENT..... 1 MOTTLE SAMPLE JEAFUDURUC
PERTINENT LITHOLOGY..... CRETACEOUS GRANITE ROCK
OTHER SAMPLE INFORMATION.. MAYBE DUPLICATE OF NO.00H1038.

PH.....	9.6	AT(C)	25.
SPECIFIC CONDUCTANCE.....	240.		
ATM INTY.....	8.	AS CACOD	
1%AL H2SO4 SOLUS.....	211.		
CLARGE IMBALANCE IN DIFF.....	40		

ISOLOPES LOCAL

AS.....		CD3.....	54.	L1....	N		
AL.....		CO.....		M.....	N		
AS.....	n=61						
AL.....		CJ.....		MO....		\$102.	41.
AL.....	0.190	P.....	1.0	NA....	50.		
RA.....		FE+3....		NA+K..		50%..	43.
CA.....	1%	MC03....	48.				
GABAN		MA.....					

CD.... M25.... P04.. 0.02
 CL.... 5.0 K.... 0.4
 CD....
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00116

GEOTHERM FILE 101 0081038

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BOULDER CREEK RESORT
 WELL/SPRING NUMBER..... 22N-01E-34-04D 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 22N 001E 34 SE OF NE SE
 STATE..... IDAHO MERIDIAN BOISE
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE.. 19

LAT/LONG... 45-12.05 N 116-18.70 W

MAP REFERENCE..... INDIAN MOUNTAIN 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/19 MITCHELL, JOHN
 TEMPERATURE (C)..... 26
 DISCHARGE..... 19 L/MIN
 PERCENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 9.4
 SPECIFIC CONDUCTANCE..... 240
 ALKALINITY..... 94 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 213
 CHARGE IMBALANCE (R DIFF.)... 4.0
 ANALYSIS IN MG/L

ISOLOPES 10/001

AG....	CO3....	34.	MG....	N		
AL....	CH....		MG....		5102.	43.
AI....	CU....		MG....			
HA....	FE....	1.0	MG....	50.	504.	40.
CA....	HCO3....	44.	MG....	0.03		
CD....	M25....		P04....	0.02		
CL....						
CO....	K....	0.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00117

GEOTHERM FILE 101 0025088

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BOULDER CREEK RESORT
 WELL/SPRING NUMBER..... 15N-01E-02-04D 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 15N 001E 02 W OF SE W
 STATE..... IDAHO
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE.. 19

LAT/LONG... 44-40.15 N 116-18.31 W

MAP REFERENCE..... COUNCIL 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 80.
 DISCHARGE..... 189.
 PERCENT LITHOLOGY..... GRANITE
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00118

GEOTHERM FILE 101 0025140

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHAM AND THOMSON WELL

WELL/SPRING NUMBER..... 16N-01W-11-AC01

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 16N 01W 11 SE OF SW NE

STATE..... IDAHO

COUNTY..... ADAMS

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... COUNCIL 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72.

WELL DEPTH (M)..... 64.

DISCHARGE..... 56. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00119

GEOTHERM FILE 101 0025089

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DIXON HOT SPRINGS

WELL/SPRING NUMBER..... 20N-01E-25-CC01S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 20N 01E 25 NE OF SW SW

STATE..... IDAHO

COUNTY..... ADAMS

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... BALLY MOUNTAIN 112000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 63.

DISCHARGE..... 189. L/MIN

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00120

GEOTHERM FILE 101 0025092

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... EVANS HOT SPRINGS

WELL/SPRING NUMBER..... 20N-01E-26-0A01S

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... BALLY MOUNTAIN 1:24000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 50.
 PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR MIOCENE BASALT
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 45-02.36 N 116-17.52 W

RECORD 00121

GEOTHERM FILE 101 0025090

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... GEODES HOT SPRING
 WELL/SPRING NUMBER..... 20N-01E-25-CCCC
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... BALLY MOUNTAIN 1:24000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 70.
 WELL DEPTH (M)..... 7.
 DISCHARGE..... 162. L/MIN.
 PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR MIOCENE BASALT
 OTHER SAMPLE INFORMATION, DRILLER'S LOG AVAILABLE
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 45-02.15 N 116-17.24 W

RECORD 00122

GEOTHERM FILE 101 0025091

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... GEODES HOT SPRINGS
 WELL/SPRING NUMBER..... 20N-01E-25-CCCC
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... BALLY MOUNTAIN 1:24000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 68.
 DISCHARGE..... 654. L/MIN.
 PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

COORDINATES
 LAT/LONG... 45-02.20 N 116-17.25 W

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00123

GEOTHERM FILE 101 00810354

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KRIGBAUM HOT SPRINGS

WELL/SPRING NUMBER..... 19N-02E-72-CCA 15

LOCATION

COUNTRY..... UNITED STATES 19N 002E 22 NE OF SW SW

STATE..... IDAHO

COUNTY..... ADAMS

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... MEADOWS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/06/29 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 43

DISCHARGE..... 151 L/MIN

PERMIT/LITHOLOGY..... CRETACEOUS GRANITIC ROCKS NEAR MIOCENE BASALT

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.8

SPECIFIC CONDUCTANCE..... 600

ALKALINITY..... 81

TOTAL DISSOLVED SOLIDS... 490

CHARGE IMBALANCE (A DIFF.)... 0.1

ANALYSIS IN MG/L

AG..... CO3..... 9.0

AL..... CU.....

AU..... CU.....

H..... F..... 2.8

HA..... FE+3.....

CA..... 5.3 MC03..... 81

CN..... H2S.....

CL..... 26

CO..... K..... 3.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00124

GEOTHERM FILE 101 0081039

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STARKEY HOT SPRINGS

WELL/SPRING NUMBER..... 19N-01W-34-DBH 15

LOCATION

COUNTRY..... UNITED STATES 19N 001W 34 W OF NW SE

STATE..... IDAHO

COUNTY..... ADAMS

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... NEW MEADOWS 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/06/27 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 46

DISCHARGE..... 492 L/MIN

PERMIT/LITHOLOGY..... MIOCENE BASALT

COORDINATES

LAT/LONG... 44-51.17 N 116-26.53 W

COORDINATES

LAT/LONG... 44-51.17 N 116-26.53 W

WATER ANALYSIS

DATE/ANALYST.....
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 502.
 ALKALINITY..... 58.
 TOTAL DISSOLVED SOLIDS... 309.
 CHARGE IMBALANCE (3 DIFF.)... 17.0
 ANALYSIS IN MG/L

U.S. GEOLOGICAL SURVEY

AS CAC03

ISOLOPES (0/001)

AG....	CO3....	6.0	MG....	N		
AL....	CR....		MO....		5102.	56.
AU....	CU....		NA....	86.		
H....	F....	0.9	NA+K.		504..	150.
HA....	FE+3....		NO3..	0.05		
CA.... 4.5	HCO3....	60.	PO4..	0.03		
CD....	H2S....					
CL.... 14.						
CO....	K....	1.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00125

GEOTHERM FILE 101 0081037

GEOGRAPHIC SAMPLE FILE

NAME OF SAMPLE SOURCE... STINKY WARM SPRINGS
 WELL/SPRING NUMBER... PIN-VIE-23-AHA 15
 LOCATION
 COUNTY... UNITED STATES 21N 00E 23 NE OF NW NE
 STATE... IDAHO MERID: BOISE
 COUNTY... ADAMS
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE... INDIAN MOUNTAIN 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR... 1977/10/19 MITCHELL, JOHN
 TEMPERATURE (C)..... 70.

COORDINATES

LAT/LONG... 45- 9.11 N 116-17.77 W

DISCHARGE..... 78. L/MIN
 PERMEANT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST.....
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 680.
 ALKALINITY..... 58. AS CAC03
 TOTAL DISSOLVED SOLIDS... 447.
 CHARGE IMBALANCE (3 DIFF.)... 7.2
 ANALYSIS IN MG/L

ISOLOPES (0/001)

AG....	CO3....	1.0	MG....	1.7		
AL....	CH....		MO....		5102.	55.
AU....	CU....		NA....	130.		
H....	F....	1.5	NA+K.		504..	230.
HA....	FE+3....		NO3..	0.93		
CA.... 10.	GA....		PO4..	0.02		
CD....	HCO3....	81.				
CL.... 24.	H2S....					
CO....	K....	3.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00126

GEOTHERM FILE 101 0081034

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WHITE LICKS HOT SPRINGS
 WELL/SPRING NUMBER..... 16N-02E-33-BCC 15

LOCATION

COUNTY..... UNITED STATES 16N 02E 33 SW 1/4 SW 1/4
 STATE..... IDAHO MERIDIAN BOISE

COUNTY..... ADAMS

GEOLOGIC PROVINCE... COLUMBIA RIVER PLATEAU

MJD REFERENCE..... CASCADE 1162500

COORDINATES

LAT/LONG... 44-40.89 N 116-13.69 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/06/29 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 85

DISCHARGE..... L 114 L/MIN

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR MIOCENE BASALT AND CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.6

SPECIFIC CONDUCTANCE..... 2030

ALKALINITY..... 50

AS CaCO3

TOTAL DISSOLVED SOLIDS... 1440

CHARGE IMBALANCE (% DIFF.)... 5.3

ANALYSIS IN MG/L

AG.... CO3..... N

AL.... CR.....

AU.... CU.....

B.... F..... 8.8

BA.... FE..... 71

CA.... 39. MC03..... 71

CD.... H2S.....

CI.... 150

CO.... 17

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00127

GEOTHERM FILE 101 0081036

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ZINYS RESORT HOT SPRINGS

WELL/SPRING NUMBER..... 20N-01E-26-00A 15

LOCATION

COUNTRY..... UNITED STATES 20N 01E 26 NE 1/4 SE 1/4

STATE..... IDAHO MERIDIAN BOISE

COUNTY..... ADAMS

GEOLOGIC PROVINCE... 19

MJD REFERENCE..... HALLY MOUNTAIN 1124000

COORDINATES

LAT/LONG... 45- 2.31 N 116-17.48 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/06/29 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 65.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR MIOCENE BASALT.
 WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

..... H.5

SPECIFIC CONDUCTANCE..... 940.

ALKALINITY..... 54.

TOTAL DISSOLVED SOLIDS..... 666.

CHARGE IMBALANCE (3 DIFF.)..... 0.1

ANALYSIS IN MG/L

AG..... CO3..... 9.0

AL..... CR.....

AU..... CU.....

BA..... F..... 2.3

BR..... FE+3.....

CA..... 12. MC03..... 47.

CO..... M2S.....

CL..... 32.

CO..... K..... 3.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973

ISOIOPES 10/2001

AS CAC03

MG...

0.1

MO...

5132.

64.

NA...

190.

504..

330.

NA+K...

NO3...

0.07

PO4...

0.03

RECORD 00128

GEOCHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... RANNOCK (TADPOLE?) WARM SPRINGS

WELL/SPRING NUMBER..... 055-34E-27-ADDIS

LOCATION

IONSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 055 034E 27 SE OF SE NE

STATE..... IDAHO

COUNTY..... RANNOCK

GEOLOGIC PROVINCE... 18

MAP REFERENCE..... POCATELLO NORTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1970

RECORD 00129

GEOCHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... ODONATA HOT SPRINGS

WELL/SPRING NUMBER..... 125-17E-12-CCD-15

LOCATION

IONSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 125 037E 12 SE OF SW SW

STATE..... IDAHO

COUNTY..... RANNOCK

GEOLOGIC PROVINCE... 20

MAP REFERENCE..... DOWNEY EAST 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

GEOCHEM FILE 101 0081044

LAT/LONG... 42-23.26 N 112-5.11 W

DATE/COLLECTION..... 1972/05/17 MITCHELL, JOHN
 TEMPERATURE (C)..... 43.
 DISCHARGE..... E 1855. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR TERTIARY SEDIMENTS.
 WATER ANALYSIS
 LABORATORY..... U.S. GEOLOGICAL SURVEY
 PH..... 6.7
 SPECIFIC CONDUCTANCE..... 413.
 ALKALINITY..... 176. AS CaCO_3
 TOTAL DISSOLVED SOLIDS... 262.
 CHARGE IMBALANCE (% DIFF.)... 0.1
 ANALYSIS IN MG/L

ISOTOPES (0/001)

AG.....	CO ₃	N.....	MG.....	15.		
AL.....	CR.....		MO.....		5102.	20.
AU.....	CU.....		NA.....	20.		
R.....	F.....	0.4	NA+K.....		504.	18.
BA.....	FE.....		NO ₃	0.5		
CA.....	HCO ₃	214.	PO ₄	N		
CD.....	H ₂ S.....					
CL.....	K.....	9.1				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00130

GEOID... SAMPLE FILE

GEOTHERM FILE 101 0025145

NAME OF SAMPLE SOURCE... FLOYD PETERSON WELL
 WELL/SPRING NUMBER..... 055-34E-35-HA1
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... HAYWARD
 GEOLOGIC PROVINCE... JS

COORDINATES

LAT/LONG... 42-56.85 N 112-26.77 W

MAP REFERENCE..... POCAHELLO NORTH 112400

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 73.
 DISCHARGE..... 75. L/MIN
 PERTINENT LITHOLOGY..... UPPER PLIOCENE SEDIMENTS(?)
 OTHER SAMPLE INFORMATION.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDGEMAN, KIM H.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00131

GEOID... SAMPLE FILE

GEOTHERM FILE 101 0025142

NAME OF SAMPLE SOURCE... GERALD JOHNSON WELL
 WELL/SPRING NUMBER..... 055-34E-25-CBH1
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... HAYWARD
 GEOLOGIC PROVINCE... JS

COORDINATES

LAT/LONG... 42-57.38 N 112-26.05 W

COUNTY..... HANNOCK
 GEOLOGIC PROVINCE... 18
 MAP REFERENCE..... POCATELLO NORTH 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 73.
 OTHER SAMPLE INFORMATION: DRILLER'S LOG AVAILABLE
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00132

GEOTHERM FILE ID: 0025146

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GWINN SIGMAIN WELL
 WELL/SPRING NUMBER..... 055-34E-26-UCC1

LOCATION..... TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 42-56.99 N 112-26.69 W

COUNTY..... UNITED STATES... 055 034E 26 SW OF SW SE

STATE..... IDAHO

COUNTY..... HANNOCK

GEOLOGIC PROVINCE... 18

MAP REFERENCE..... POCATELLO NORTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.

WELL DEPTH (M)..... 60.

DISCHARGE..... 3406. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00133

GEOTHERM FILE ID: 0081042

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LAVA HOT SPRINGS

WELL/SPRING NUMBER..... 055-34E-21-UCC 19

WELL NUMBER..... 199

LOCATION..... TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 42-37.23 N 112- 0.49 W

COUNTY..... UNITED STATES... 055 038E 21 NE OF SE SE

STATE..... IDAHO

COUNTY..... TETON

GEOLOGIC PROVINCE... 20

MAP REFERENCE..... LAVA HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/08/15 MITCHELL, JOHN

TEMPERATURE (C)..... 45.

PERCENT CRYSTALLINITY..... PALEOZOIC QUARTZITE

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION

..... 6.6

SPECIFIC CONDUCTANCE..... 1580

ALKALINITY..... 445, AS CaCO3

TOTAL DISSOLVED SOLIDS... 902.
 CHARGE IMBALANCE (% DIFF.)... 2.5
 ANALYSIS IN MG/L

ISOLOPES 10/001

AG....	CO3.....	N	MG....	32.		
AL....	CR.....		MO....		5102.	32.
AU....	CU.....		NA....	170.		
Fe....	F.....	0.7	NA+K..		504..	110.
HA....	FE+3....		NO3....	0.38		
CA....	HCO3....	542.	PO4....	0.04		
CD....	H2S.....					
CL....						
CO....	K.....	39.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00134

GEOCHEM SAMPLE FILE

GEOCHEM FILE 101 0025143

NAME OF SAMPLE SOURCE... NOT GIVEN

WELL/SPRING NUMBER..... NSS-34E-25-BDB1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES USS 034E 25 NW OF SE NW

LAT/LONG... 42-57.59 N 112-25.79 W

STATE..... IDAHO

COUNTY..... BANNOCK

GEOLOGIC PROVINCE... IS

MAP REFERENCE..... POCATELLO NORTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.

WELL DEPTH (M)..... 152.

OTHER SAMPLE INFORMATION... DESTROYED BY CONSTRUCTION OF INTERSTATE 15

REFERENCE AND IDENTIFICATION

COMPILED BY..... BIDEGAYETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00135

GEOCHEM SAMPLE FILE

GEOCHEM FILE 101 0081041

NAME OF SAMPLE SOURCE... ROBERT BROWN WELL NO. 2

WELL/SPRING NUMBER..... NSS-34E-26-DND1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES USS 034E 25 SE OF NW SE

LAT/LONG... 42-57.26 N 112-26.57 W

STATE..... IDAHO

COUNTY..... BANNOCK

MAP REFERENCE..... POCATELLO NORTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

WELL COLLECTION..... 1974/07/13 MITCHELL, JOHN

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 170.

DISCHARGE..... 662.

PERTINENT LITHOLOGY... PLIOCENE-PLEISTOCENE SEDIMENTS AND SILICIC ROCK

OTHER SAMPLE INFORMATION... DRILLER'S LOG AVAILABLE

WATER ANALYSIS

DATE/ANALYST.....
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1219.
 ALKALINITY..... 304.
 TOTAL DISSOLVED SOLIDS..... 718.
 CHARGE IMBALANCE (± DIFF.)... 3.2

U.S. BUREAU OF RECLAMATION

AS CAC03

ANALYSIS IN MG/L

ISOTOPES IN ‰

AG.....	CO3.....	N.....	MG.....	37.		
AL.....	CR.....		MD.....		5102.	41.
AU.....	CU.....		NA.....	160.		
P.....	F.....	2.5	NAOK.		504.	100.
RA.....	FE3.....					
CA..... 45.	MC03.....	468.				
CL..... 100.						
CO.....	K.....	2.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECONU 00136

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0081040

NAME OF SAMPLE SOURCE... ROBERT BROWN WELL NO.1
 WELL/SPRING NUMBER... 055-34E-26-DAB1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 055 034E 26 W OF NE SE
 STATE..... IDAHO MENTOR BOISE
 COUNTY..... BANNOCK
 GEOLOGIC PROVINCE... 1A
 MAP REFERENCE..... POCA TELLO NORTH 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

LAT/LONG... 42-57.35 N 112-26.47 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/27 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 41.
 WELL DEPTH (M)..... 70.
 DISCHARGE..... 57. L/MIN
 PERTINENT LITHOLOGY..... UPPER PLEISTOCENE SEDIMENTS.

OTHER SAMPLE INFORMATION: DRILLER'S LOG AVAILABLE

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1219.
 ALKALINITY..... 304.
 TOTAL DISSOLVED SOLIDS..... 718.
 CHARGE IMBALANCE (± DIFF.)... 1.4

ANALYSIS IN MG/L

ISOTOPES IN ‰

AG.....	CO3.....	N.....	MG.....	29.		
AL.....	CR.....		MD.....		5102.	20.
AU.....	CU.....		NA.....	150.		
P.....	F.....	3.2	NAOK.		504.	95.
RA.....	FE3.....					
CA..... 70.	MC03.....	478.	NU3.....	0.02		
CL..... 87.	H2S.....		PO4.....	N		

CO..... K..... 21.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00137

GEOTHERM FILE 101 0081046

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BEAR LAKE HOT SPRINGS
 WELL/SPRING NUMBER..... 155-44E-13-CCA 15

LOCATIONS

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 155 044E 13 NE OF SW SW
 STATE..... IDAHO MERID: BOISE
 COUNTY..... BEAR LAKE
 GEOLOGIC PROVINCE.. 20

LAT/LONG... 42- 6.89 N 111-15.01 W

MAP REFERENCE..... BEAR LAKE NORTH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/09 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 48.

PERCENT LITHOLOGY..... PALEOZOIC LIMESTONE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 6.6
 SPECIFIC CONDUCTANCE..... 2039.
 ALKALINITY..... 210.
 TOTAL DISSOLVED SOLIDS... 1560.
 CHARGE IMBALANCE (A DIFF.)... 3.9

AS CaCO3

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N				
AL.....	CR.....		MG...	55.		
AU.....	CU.....		MO...		5102.	35.
H..... 0.56	F..... 7.1		NA...	180.		
HA.....	FE+3.....		NA+K.		504..	840.
CA..... 210.	HCO3..... 250.		NO3..	0.50		
CD.....	H2S.....		PO4..	0.01		
CL..... 19.						
CO.....						

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00138

GEOTHERM FILE 101 0081045

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PESCAUARD FARM SPRINGS
 WELL/SPRING NUMBER..... 111S-43E-36-BDA 15

LOCATIONS

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 115 043E 36 NE OF SW SW
 STATE..... IDAHO MERID: BOISE
 COUNTY..... BEAR LAKE
 GEOLOGIC PROVINCE.. 20

LAT/LONG... 42-25.54 N 111-22.07 W

MAP REFERENCE..... NOONAN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/04/12 MITCHELL, JOHN

TEMPERATURE (C)..... 76.
 DISCHARGE..... 79. L/MIN
 DEPOSITS OR ALTERATION.... EXTENSIVE TRAVERTINE.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 PH..... 6.4
 SPECIFIC CONDUCTANCE..... 169.
 ALKALINITY..... 539. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 994.
 CHARGE IMBALANCE (± DIFF.)... 0.4

ANALYSIS IN MG/L

ISOTOPE 10/081

AG.....	CO3.....	N			
AL.....	CR.....	MG.....	65.		
AU.....	CU.....	MD.....		5102.	31.
BA..... 0.01	F.....	NA.....	63.		
BR.....	FE+3.....	NA+K.....		504..	225.
CA..... 180.	HCO3.....	NO3.....	0.14		
CD.....	H2S.....	PO4.....	N		
CL..... 83.					
CO.....					

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00139

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE 101 0025148

NAME OF SAMPLE SOURCE... PESCADERO (BEAR RIVER) WARM SPRINGS

WELL/SPRING NUMBER... 115-43E-36-BDA15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 115 43E 36 SE OF N

STATE..... IDAHO

COUNTY..... BEAR LAKE

MAP REFERENCE..... NOUVAN 112400

LAT/LONG... 42-25.54 N 111-22.67 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 76.

DISCHARGE..... 77. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGAVETA, RIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00140

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE 101 0025147

NAME OF SAMPLE SOURCE... UNNAMED SPRING SE OF PESCADERO WARM SPRINGS

WELL/SPRING NUMBER... 125-44E-07-HAA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 125 44E 07 NE OF NE N

STATE..... IDAHO

COUNTY..... BEAR LAKE

MAP REFERENCE..... GEORGETOWN 112400

LAT/LONG... 42-24.01 N 111-21.49 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.

DISCHARGE..... 69. L/MIN

REFERENCE AND IDENTIFICATION

OTHER SAMPLE INFORMATION... REFERENCE UNAVAILABLE. RECORD UNVERIFIABLE

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00141

GEOCHEMICAL SAMPLE FILE

GEOCHEM FILE 101 0081048

NAME OF SAMPLE SOURCE... ALKALI FLATS WARM SPRINGS
WELL/SPRING NUMBER..... 045-38E-28-000 1S

LOCATED IN..... IDAHO-SHIP-RANGE
COUNTY..... UNITED STATES 045 038E 28 SE OF SE SE
STATE..... IDAHO MERIDIAN 0015E
COUNTY..... BINGHAM
GEOLOGIC PROVINCE... 18

COORDINATES
LAT/LONG... 43- 2.26 N 112- 0.21 W

MSP REFERENCE..... YANDELL SPRINGS 1162500
SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1977/08/18 MITCHELL, JOHN
TEMPERATURE (C)..... 34
DISCHARGE..... 38 L/MIN
DEPOSITS OR ALTERATION... TUFFA
PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
P..... 6.6
SPECIFIC CONDUCTANCE..... 1530
ALKALINITY..... 524 AS CaCO3
TOTAL DISSOLVED SOLIDS... 1040
CHARGE IMBALANCE (A DIFF.)... 2.6

ANALYSIS IN MG/L

ISOTOPES (D/001)

AG.....	CO3.....	N			
AL.....	CR.....	MG.....	08.		
AU.....	CU.....	MO.....		5102.	19.
BA.....	F.....	NA.....	34.		
BB.....	FE.....	NA+R.....		504..	340.
BI.....	GA.....	VM.....	1.2		
CA.....	HCO3.....	PD.....	0.03		
CD.....	H2S.....				
CE.....					
CF.....					
CG.....					
CH.....					
CI.....					
CJ.....					
CK.....					
CL.....					
CM.....					
CN.....					
CO.....					
CP.....					
CQ.....					
CR.....					
CS.....					
CT.....					
CU.....					
CV.....					
CW.....					
CX.....					
CY.....					
CZ.....					

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00142

GEOCHEM FILE 101 0081047

GEOCHEMICAL SAMPLE FILE

NAME OF SAMPLE SOURCE... YANDELL SPRINGS (WARM SPRINGS)

LOCATED IN..... IDAHO-SHIP-RANGE
COUNTY..... UNITED STATES 03C 037E 31 NW OF NW SE
STATE..... IDAHO MERIDIAN 0015E
COUNTY..... BINGHAM
GEOLOGIC PROVINCE... 18
MSP REFERENCE..... YANDELL SPRINGS 1162500

COORDINATES
LAT/LONG... 43- 6.86 N 112-10.01 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/18 MITCHELL, JOHN
TEMPERATURE (C)..... 32.
DISCHARGE..... 568. L/MIN
PERMIT/LITHOLOGY..... PRE-TERTIARY LIMESTONE.
ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
P..... 7.1
SPECIFIC CONDUCTANCE..... 450.
ALKALINITY..... 147. AS CaCO₃
TOTAL DISSOLVED SOLIDS... 714.
CHARGE IMBALANCE (± DIFF.)... 1.5
ANALYSIS IN MG/L

150LOPES 10/001

AG....	CO ₃	N	MG....	35.		
AL....	CR....		MO....		5102.	22.
AU....	CU....		NA....	22.	504..	330.
H....	F....	0.9	NA+K.			
RA....	FE+3....		NO ₃ ..	N		
CA....	MCO ₃	240.	PO ₄ ..	0.02		
CD....	MZS....					
CL....						
CO....	K....	7.2				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00143

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0025149

NAME OF SAMPLE SOURCE... CHARLES LARKIN WELL
WELL/SPRING NUMBER..... 015-20E-16-UCAL
LOCATION:
COUNTY..... UNITED STATES
TOWNSHIP-RANGE... 01S 020E 16 NE OF SW SE
COORDINATES... LAT/LONG... 43-20.07 N 114-04.86 W
STATE..... IDAHO
COUNTY..... BLAINE
GEOLOGIC PROVINCE... 19
MAP REFERENCE..... PICARD 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 38.
WELL DEPTH (M)..... 30.
DISCHARGE..... 227.

OTHER LOCALITY INFORMATION: OTHERS' LOG AVAILABLE

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEGANETA, KIM H.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00144

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0000507

NAME OF SAMPLE SOURCE... CLARENDON HOT SPRINGS
WELL/SPRING NUMBER..... 03N-17E-27-UC01S
LOCATION:
COUNTY..... UNITED STATES
TOWNSHIP-RANGE... 03N 017E 27 NW OF SW SE
COORDINATES... LAT/LONG... 43-33.66 N 114-24.89 W

STATE..... IDAHO
 COUNTY..... BLAINE
 GEOLOGIC PROVINCE.. 19
 MJP REFERENCE..... MAMONEY BUTTE 1124000
 SAMPLE DESCRIPTION AND COMPOSITIONS
 DATE/COLLECTOR..... 1972/11/07
 TEMPERATURE (C)..... 47.0
 DISCHARGE..... R 379. L/MIN
 PERTINENT LITHOLOGY..... PALEOZOIC QUARTZITE.
 OTHER SAMPLE INFORMATION.. NUMEROUS SPRING VENTS; SULFUR ODOR.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00

P4..... 8.2

SPECIFIC CONDUCTANCE..... 400.

ALKALINITY..... 74.

TOTAL DISSOLVED SOLIDS... 303.

CHARGE IMBALANCE (A DIFF.)... 8.1

ANALYSIS

AG.... CO3..... 30.

AL.... CH.....

AU.... CU.....

R.... F..... 15.

RA.... FE+3.....

CA.... 2.2 HCO3..... 29.

CO.... H2S.....

CL.... 11.

CO.... K..... 1.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENNETT, J.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... YOUNG AND MITCHELL, 1973

UTM ZONE... 11
 NORTHING... 4826110.
 EASTING... 708796.

ISOTOPES (0/00)

MG... 0.1
 MO...
 NA... 01.
 NA+K...
 NO3... 0.6
 PO4... 0.01

SIO2. 80.

SO4.. 60.

RECORD 00145

GEOTHERM FILE 101 0001431

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CONDIE HOT SPRINGS

WELL/SPRING NUMBER..... NIS-21E-14-DUIS

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... BLAINE

GEOLOGIC PROVINCE.. 19

MJP REFERENCE..... CAHEY 1142000

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1972/08/04

TEMPERATURE (C)..... 42.

DISCHARGE..... 1310. L/MIN

WATER ANALYSIS

P4..... 2.2

SPECIFIC CONDUCTANCE..... 295.

ALKALINITY..... 295.

TOTAL DISSOLVED SOLIDS... 306.

CHARGE IMBALANCE (A DIFF.)... 1.3

ANALYSIS IN MU/L

AG.... CO3.....

AL.... CH.....

AU.... CU.....

R.... F.....

RA.... FE+3.....

CA.... HCO3.....

CO.... H2S.....

CL.... K.....

CO.... R.....

COORDINATES

LAT/LONG... 43-19.97 N 113-54.98 W

ISOTOPES (0/00)

MG... 11.

AU....	CU.....	MO...	SIJ2.	26.
RA....	FE+3....	NA....	504..	26.
CA....	MC03....	NO3..	0.05	
CO....	M2S....	PO4..	0.01	
CL....	14.			
CO....	K.....			17.

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY
 COMPUTER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00146

OTHER SAMPLE TITLE

GEOTHEM FILE 101 0000505

NAME OF SAMPLE SOURCE... RUYER HOT SPRINGS
 WELL/SPRING NUMBER..... 04N-17E-15-AACIS

LOCATION

LODAPPO

COUNTRY..... UNITED STATES 04N 017E 15 SW OF NE NE
 STATE..... IDAHO
 COUNTY..... BLAINE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 43-41.01 N 114-24.60 W
 UTM ZONE... 11
 NORTHING... 4838840.
 EASTING... 708790.

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1972/11/07
 TEMPERATURE (C)..... 70.5
 DISCHARGE..... E 3785. L/MIN
 DEPOSITS OR ALTERATION... CARBONATE AND SILICEOUS DEPOSITS.
 PERTINENT LITHOLOGY..... PALEOZOIC LIMESTONE.
 OTHER SAMPLE INFORMATION.. NUMEROUS SPRING VENTS; SULFUR ODOR.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 pH..... 8.0
 SPECIFIC CONDUCTANCE... 421.
 ALKALINITY..... 83. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 324.

CHARGE IMBALANCE IN DIFF.1... 11.5

ANALYSIS

AS....	CO3....	25.	MO...	SIJ2.	86.
AL....	CH....		NO...	504..	72.
AU....	CU.....		NA....	0.05	
RA....	FE+3....	16.	NO3..	0.01	
CA....	MC03....		PO4..		
CO....	M2S....				
CL....					
CO....	K.....	2.1			

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNERT, J.
 COMPUTER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00147

OTHER SAMPLE TITLE

GEOTHEM FILE 101 0000509

NAME OF SAMPLE SOURCE... HAILLY HOT SPRINGS

WELL/SPRING NUMBER..... 02N-18E-18-00815
 LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BLAINE
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... HAILLY 1124000

TOWNSHIP-RANGE

02N 018E 18 NW OF NW SE

COORDINATES

LAT/LONG... 43-30.34 N 114-21.28 W
 UTM ZONE... 11
 NORTHING... 4820123.
 EASTING... 712853.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/11/107
 TEMPERATURE (C)..... 6 59.0
 DISCHARGE..... 8 265 L/MIN
 DEPOSITS OR ALTERATION... SILICEOUS DEPOSITS.
 PERMIT LITHOLOGY..... PALEOZOIC LIMESTONE.
 OTHER SAMPLE INFORMATION.. NUMEROUS SPRING VENTS; SULFUR ODOUR.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 8.7
 SPECIFIC CONDUCTANCE..... 337.
 ALKALINITY..... 72. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 273.
 CHARGE IMBALANCE (% DIFF.)... 9.9

ANALYSIS

AG.....	CO ₃	M			
AL.....	CH.....		MO.....	N	
AI.....	CU.....		MO.....		5102. 85.
HA.....	F.....	12.	NA.....	00.	
HA.....	FE.....		NA.....		504.. 51.
CA.....	MC03.....	88.	NO3.....	0.07	
CO.....	N2S.....		PO4.....	0.02	
CL.....					
CO.....	K.....	1.5			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00148

OBSERVED SAMPLE FILE

NAME OF SAMPLE SOURCE... MAGIC HOT SPRING LANDING WELL

WELL/SPRING NUMBER..... 015-17E-23-AB01

GEOTHERM FILE 101 0000519

LOCATION

TOWNSHIP-RANGE

015 017E 23 NW OF NE SE

COORDINATES

LAT/LONG... 43-19.69 N 114-23.92 W
 UTM ZONE... 11
 NORTHING... 4800435.
 EASTING... 711907.

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BLAINE
 GEOLOGIC PROVINCE.. 19

MAP REFERENCE..... BELLEVUE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/21

WELL/SPRING NUMBER..... 015-17E-23-AB01

LOCATION.....

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... BLAINE

GEOLOGIC PROVINCE.. 19

MAP REFERENCE..... BELLEVUE 1162500

DATE/COLLECTOR..... 1972/00/00

TEMPERATURE (C)..... 0 6.9

DISCHARGE..... 0 1149 L/MIN

SPECIFIC CONDUCTANCE..... 0 1149

TOTAL DISSOLVED SOLIDS... 0 1213.

ANALYSIS

ISOTOPES 10/001

AG....	CO3..... N	MG... 0 0.1	
AL....	CR.....	MO... 330.	SI02. 0 105.
AU....	CU.....	NA+K. 504.. 0 52.	
B... 0 0.08	F..... 0 10.	NO3.. 0 0.50	
BA....	FE+3....	PO4.. 0 0.01	
CA... 0 20.	HCO3.... 0 735.		
CO....	H2S.....		
CL... 0 85.			
CO....	K..... 0 23.		

QUALIFICATION FIELD... REFERENCES REVEAL INCONSISTENCIES IN REPORTED CHEMICAL ANALYSES.

REFERENCE AND IDENTIFICATION

COMPILED BY... RENNER, J.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE... YOUNG AND MITCHELL, 1976C; MITCHELL AND OTHERS, 1980

RECORD 00149

GEOCHEMICAL SAMPLE FILE

GEOTHERM FILE 101 0025150

NAME OF SAMPLE SOURCE... MAGIC HOT SPRINGS

WELL/SPRING NUMBER... 015-17E-23-AAB15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 015 017E 23 N OF YE VE

LAT/LONG... 43-19.69 N 114-23.92 W

STATE... IDAHO

COUNTY... BLAINE

MAP REFERENCE... BELLEVUE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 36.

DISCHARGE... 1514. L/MIN

OTHER SAMPLE INFORMATION... REFERENCE UNAVAILABLE. RECORD UNVERIFIABLE

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00150

GEOCHEMICAL SAMPLE FILE

GEOTHERM FILE 101 0001432

NAME OF SAMPLE SOURCE... MILFORD SWEAT HOT SPRING

WELL/SPRING NUMBER... 015-22E-01-DA15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 015 022E 01 SE OF SW YE VE

LAT/LONG... 43-21.965N 113-00.785W

STATE... IDAHO

COUNTY... BLAINE

MAP REFERENCE... 18

SAMPLE DESCRIPTION AND CONDITIONS

DATE/SECTION... PADDFORD PLAT 1124000

OTHER LOCALITY INFORMATION... THE SECTION IS STANDARD EXCEPT FOR A MISSING

DATE/SECTION... THE SECTION AS IT EXISTS.

DATE/SECTION... 1972/08/08

TEMPERATURE (C)... 44.0

DISCHARGE... 2 76. L/MIN

ANALYSIS

SPECIFIC CONDUCTANCE... 1.3

SPECIFIC CONDUCTANCE... 541

ANALYSIS..... 241. AS CAC03
 TOTAL DISSOLVED SOLIDS... 371.
 CHARGE IMBALANCE (3 DIFF.)... 2.2
 ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3....	N	MG....	12.	SIO2..	26.
AL....	CH....		MO....			
AU....	CU....		NA....	48.	S04..	63.
B....	F....	2.3	NA+K..			
HA....	FE+3..		NO3...	0.03		
CA....	HCO3...	294.	PO4...	0.03		
CD....	H2S....					
CL....						
CO....	K....	8.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... IIEB, HANDY
 COMPILER AFFILIATION... H.S.G.S.
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00151

GEOTHERMAL SAMPLE FILE

GEOTHERMAL FILE 101 0025151

NAME OF SAMPLE SOURCE... RUSH WARM SPRINGS
 WELL/SPRING NUMBER..... 015-22E-06-DH15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 015 22E 06 NE OF NW SE
 STATE..... IDAHO
 COUNTY..... BLAINE
 GEOLOGIC PROVINCE... 18
 MSP REFERENCE..... CAREY 1124000

LAT/LONG... 43-21.88 N 113-53.01 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00152

GEOTHERMAL SAMPLE FILE

GEOTHERMAL FILE 101 0025152

NAME OF SAMPLE SOURCE... WARFIELD HOT SPRINGS
 WELL/SPRING NUMBER..... 015-22E-06-DH15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 015 22E 06 NE OF NW SE
 STATE..... IDAHO
 COUNTY..... BLAINE
 GEOLOGIC PROVINCE... 18
 MSP REFERENCE..... CAREY 1124000

LAT/LONG... 43-38.45 N 114-29.19 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEKANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00153

GEOTHERM FILE 101 0015270

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HANFIELD HOT SPRINGS

WELL/SPRING NUMBER..... 4N-17E-31-MHC15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 016E 31 S OF NW 1/4

LAT/LONG... 43-38.48 N 114-29.19 W

STATE..... IDAHO

COUNTY..... BLAINE

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... GRIFFIN BUTTE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/13 MITCHELL, JOHN

TEMPERATURE (C)..... 42.0

DISCHARGE..... 378. L/MIN

WATER ANALYSIS

PH..... 8.7 ATIC 25.

SPECIFIC CONDUCTANCE..... 370.

ALKALINITY..... 107. AS CAC03

TOTAL DISSOLVED SOLIDS... 289.

CHARGE IMBALANCE (A DIFF.)... 20.5

ANALYSIS IN MG/L

ISOTOPIES (0/001)

AG.... CO3.... 37. LI... 0.17

AL.... CR.... MG... N

AS.... 0.002

AU.... CU.... 40... 5102. 97.

H.... N F.... 14. NA... 67.

BA.... FE+3... 504.. 33.

CA.... 2.6 HCO3.... 55. NO3... N

CA-MG... MG.... N PO4... 0.01

CO.... H2S....

CL.... 8.1

CO.... K.... 1.9

REFERENCE AND INVESTIGATION

COMPILED BY..... JEE, LINDA

COMPILED AFFILIATION... IDAHO DEPT. WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00154

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0001551

NAME OF SAMPLE SOURCE... HANFIELD HOT SPRINGS

WELL/SPRING NUMBER..... 10N-10E-31-MHC15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 10N 010E 31 SW OF SW 1/4

LAT/LONG... 44-09.42 N 115-18.81 W

STATE..... IDAHO

COUNTY..... MOISE

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... GRIFFIN BUTTE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/03/13

TEMPERATURE (C)..... 44.0

DISCHARGE..... 0 1363. L/MIN

OTHER SAMPLE INFORMATION

SAMPLE ASSUMED TO HAVE BEEN TAKEN FROM HOT SPRING CLOSEST TO RIVERBUT MAY HAVE BEEN

TAKEN FROM SPRING 100-M TO THE WEST

WATER ANALYSIS

P4..... 9.3
 SPECIFIC CONDUCTANCE..... 378.
 ALKALINITY..... 78.
 TOTAL DISSOLVED SOLIDS... 282.
 CHARGE IMBALANCE (A DIFF.)... 5.5
 ANALYSIS IN %/L

AS CaCO3

ISOTOPES (0/001)

DEL D OF WATER..... -140.
 DEL O(18) OF WATER... -18.1

AG....	CO3.....	38.	LI....	0.11	SR....	
AL....	CH.....		MG....	L 0.1	SC....	
AS.... 0.001						
AU....	CU.....		MO....		SI02..	91.
H.... 0.07	F.....	17.	NA....	17.		
HA....	FE+3....		NA+K..		SO4... 50.	
CA.... 1.5	MC03....	18.	NO3.. L	0.04		
CA+MG.	MG.....	0.0002	PU4.. L	0.03		
CD....	H2S.....					
CL.... 8.0						
CO....	K.....	3.2				

QUALIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS; NO3 WAS REPORTED AS
 TOTAL N4 P04 WAS REPORTED AS TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1940; NEHRING AND OTHERS, 1979

RECORD 00155

GEOTHERM FILE 101 0000485

GEOCHEM. SAMPLE TITLE

NAME OF SAMPLE SOURCE... BONNEVILLE HOT SPRINGS

WELL/SPRING NUMBER..... TUN-1UE-31-HCC15

LOCATION

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... BOISE

GEOLOGIC PROVINCE..

MAP REFERENCE..... EIGHTMILE MTN. 1124000

COORDINATES

LAT/LONG... 44-09.42 N 115-18.01 W

UTM ZONE... 11

NORTHING... 4890563.

EASTING... 635433.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/04/18

TEMPERATURE (C)..... 25.0

DISCHARGE..... 1.374 L/MIN

DEPOSITS OR ALTERATION... CARBONATE AND SILICEOUS DEPOSITS.

PARENT LITHOLOGY..... CRETACEOUS GRANITIC ROCKS.

OTHER SAMPLE INFORMATION.. EIGHT SPRING VENTS; NUMEROUS SEEPST SLIGHT SULFUR ODOR; GRANITIC ROCK SILICIFIED IN

ANALYSIS

DATE/ANALYST..... 1972/04/01

SPECIFIC CONDUCTANCE..... 378

ALKALINITY..... 78

TOTAL DISSOLVED SOLIDS... 282 AS CaCO3

CHARGE IMBALANCE (A DIFF.)... 5.5

ANALYSIS

AG....	CO3.....	21.	MO....	0.1	SI02..	100.
AL....	CH.....		NA....	17.		
AS....	CU.....		NA+K..		SO4... 52.	
H....	F.....	17.				
HA....	FE+3....					

ISOTOPES (0/001)

CA.... 2.2 MC03.... 58. M03.. 0.02
 CD.... M25..... P04.. 0.03
 CL.... 7.2
 CO.... K..... 2.9

QUALIFICATION FIELD..... TEMP. RANGES FROM 68 TO 85 DEG. C.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNEK, J.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00156

GEOTHERM FILE 101 0001561

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CORDEN HOT SPRING

WELL/SPRING NUMBER..... OHN-05E-10-ADDIS

LOCATION

COUNTY..... UNITED STATES TOWNSHIP-RANGE U8N 005E 10 SE OF SE NE

STATE..... IDAHO MERIDIAN HOISE

COUNTY..... HOISE

GEOLOGIC PROVINCE.. 19

MAP REFERENCE..... GARDEN VALLEY 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1978/11/22

TEMPERATURE (C)..... 54.0

DISCHARGE..... 0.3M L/MIN

WATER ANALYSIS

PH..... 9.0

SUFCTIC CONDUCTANCE..... 344

ALKALINITY..... 80 AS CAC03

TOTAL DISSOLVED SOLIDS... 254

CHARGE IMBALANCE (A DIFF).... 3.5

ANALYSIS IN MU/L

AG.... CO3.... 19. LI... 0.08

AL.... CR..... M... L 0.1

AS.... 0.004

AI... CU.... M0... STOP... 78.

H.... F... 14. M... 78. SOL... 40.

HA.... F... M... 78.

CA.... 2.0 MC03.... 59. M03.. 0.04

CD.... M25..... L 0.00061 P04.. L 0.03

CL.... 5.7

CO....

QUALIFICATION FIELD..... FLUX RATE IS FOR ENTIRE SPRING COMPLEX CALCULATED TOTAL DISSOLVED SOLIDS! M03 WAS REPORTED AS

REFERENCE AND IDENTIFICATION

COMPILED BY..... TIENT, RANDY J.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE.....

RECORD 00157

GEOTHERM FILE 101 0025153

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CORDEN HOT SPRINGS

WELL/SPRING NUMBER..... OHN-05E-10-ADDIS

LOCATION

COUNTY..... TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES UBN 005E 10 SE OF SE VE
 STATE..... IDAHO
 COUNTY..... MOISE
 MAP REFERENCE..... GARDEN VALLEY 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 55.
 DISCHARGE..... 102. L/MIN
 PERMITTENT LITHOLOGY..... GRANITE
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES; ROSS, 1971

RECORD 00158

GEOTHERM FILE 101 0025155

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... DAN HUGHES HOT SPRINGS
 WELL/SPRING NUMBER..... OGN-USE-11-AB915
 LOCATION
 COUNTRY..... UNITED STATES UBN 005E 11 W OF NW VE
 STATE..... IDAHO
 COUNTY..... MOISE
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... GARDEN VALLEY 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 40.
 WELL DEPTH (M)..... 152400
 DISCHARGE..... 3. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES

LAT/LONG... 44-03.04 N 115-49.72 W

RECORD 00159

GEOTHERM FILE 101 0001433

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... DANSKIN CREEK HOT SPRING
 WELL/SPRING NUMBER..... OGN-USE-01-AB915
 LOCATION
 COUNTRY..... UNITED STATES UBN 005E 01 W OF SW VE
 STATE..... IDAHO
 COUNTY..... MOISE
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... GARDEN VALLEY 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 40.0
 DISCHARGE..... 2.0 L/MIN
 ANALYSIS
 SPECIFIC CONDUCTANCE..... 317
 TOTAL DISSOLVED SOLIDS... 216 AS CaCO3
 CALCIUM CONCENTRATION IN DIFF. 14.7
 ANALYSIS IN MG/L
 AGES..... 003.100

COORDINATES

LAT/LONG... 44-03.57 N 115-49.09 W

ISOLINES 10/001

AL....	CR....	MG...	0.1	SI02..	46.
AU....	CU....	MU...			
R....	F....	NA...	66.	504..	42.
HA....	FE+3...	NA+K..			
CA.... 2.4	MG03....	NO3...	0.25		
CO....	M2S....	PO4...	0.01		
CL.... 5.1					
CO....	K....				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB. HANDY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND MITCHELL. 1973

RECORD 00160

BROTHER SAMPLE FILE

GEOTHERM FILE 101 0001553

NAME OF SAMPLE SOURCE... DEER HOT SPRINGS
 WELL/SPRING NUMBER..... 09N-03E-25-HACIS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BOISE
 MAP REFERENCE..... BANKS 1362500

09N 003E 25 SW OF NE 1/4
 MEMPHIS BOISE

LAT/LONG... 44-05.52 N 116-03.02 W

SAMPLE DESCRIPTION AND LOCATIONS

DATE/COLLECTOR..... 1978/11/22
 TEMPERATURE (C)..... 79.5
 DISCHARGE..... 0.121 L/MIN

ANALYSIS

P..... 6.0
 SPECIFIC CONDUCTANCE..... 622.
 ALKALINITY..... 131. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 0.470.
 CHARGE IMBALANCE (A DIFF.)... 0.6
 ANALYSIS IN MU/L

ISOTOPE 10/001

AG....	CO3.... N	LI....	0.15	SH....	DEL D OF WATER.....	-136.
AL....	CR....	MG...	0.1	SC....	DEL D(10) OF WATER...	-17.2
AS.... 0.005	CU....	MO...		SI02..	120.	
AU.... 0.24	F....	NA...	120.	504..	88.	
HA....	FE+3...	NA+K..				
CA.... 0.1	MG03....	NO3...	0.004			
CO....	M2S....	PO4...	0.003			

IDENTIFICATION FIELD..... PLAIN DATE IS FOR ENTIRE SPRING COMPLEX TOTAL DISSOLVED SOLIDS NO3 WAS REPORTED AS
 TOTAL DISSOLVED SOLIDS WAS REPORTED AS TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY.....
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG. 1940B1 MITCHELL AND OTHERS. 1980

RECORD 00161

BROTHER SAMPLE FILE

GEOTHERM FILE 101 0001562

NAME OF SAMPLE SOURCE... DONLAY RANCH HOT SPRING

WELL/SPRING NUMBER..... DBN-05E-10-H001S
 LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IDAH0
 COUNTY..... BOISE
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... GARDEN VALLEY 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION..... 1978/11/27
 TEMPERATURE (C)..... 54.5
 DISCHARGE..... 0.341 L/MIN
 WATER ANALYSIS

COORDINATES
 LAT/LONG... 44-02.70 N 115-51.00 W

P..... 9.2
 SPECIFIC CONDUCTANCE..... 345
 ALKALINITY..... 78 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 249
 CHARGE IMBALANCE (A DIFF.)... 4.7

ANALYSIS IN MG/L
 AG..... CO3..... 23 LI... 0.07 SB...
 AL..... CR..... MG... 0.1 SC...
 AS... 0.004 CU... 40... S102... 7%
 AU... 0.07 F... 14 VA... 75 S04... 36
 HA... FE+3... NO3... 0.04
 CA... 2.0 HCO3... 40 NO3... 0.04
 CA+MG... MG... L 0.00001 PO4... L 0.03
 CD... H2S...
 CL... 5.7
 CO... 1.0

ISOTOPES (D/DO)
 DEL D OF WATER..... -13.7
 DEL O(18) OF WATER... -18.3

QUALIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS; NO3 WAS REPORTED AS
 TOTAL NO3. P04 WAS REPORTED AS TOTAL P
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LIEB, RANDY J.
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1988

RECORD 00162

GEOCHEMICAL SAMPLE FILE

GEOCHEMICAL FILE 101 0001560

NAME OF SAMPLE SOURCE... GOLDER HOT SPRING
 WELL/SPRING NUMBER..... DBN-05E-06-UCC1S
 LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IDAH0
 COUNTY..... BOISE
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... GARDEN VALLEY 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION..... 1978/11/27
 TEMPERATURE (C)..... 51.0
 DISCHARGE..... 0.284 L/MIN
 WATER ANALYSIS

COORDINATES
 LAT/LONG... 44-03.19 N 115-54.43 W

P..... 9.1
 SPECIFIC CONDUCTANCE..... 343
 ALKALINITY..... 78 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 245

CHARGE IMBALANCE (+ DIFF.)... 1.9

ANALYSIS IN MU/L

AG.... CO3.... 22.
 AL.... CN.....
 AS.... 0.006
 AU.... CU.....
 H.... 0.11
 RA.... F..... 15.
 RE.... FE3.....
 CA.... 5.0
 CA+G... FE(TOT)...
 CO.... MG..... L 0.00001
 CL.... H2S.....
 CO.... K..... 1.3

LI... 0.13
 MG... L 0.1
 MO...
 NA... 72.
 NAOK...
 NO3... 0.04
 P04... L 0.03

ISOTOPIES (0/001)

DEL D OF WATER..... -136.
 DEL D(18) OF WATER... -18.0

THIUM (T.U.)..... 2.0 + 0.1

QUALIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS; NO3 WAS REPORTED AS

TOTAL NO3 P04 WAS REPORTED AS TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.

COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY

REFERENCE..... LEWIS AND YOUNG, 1980B

RECORD 00163

GEOTHERM FILE 101 0025156

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GILLEN HOT SPRINGS

WELL/SPRING NUMBER..... DBN-05E-06-UCCIS

LOCATION:

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES DBN 005E 06 SW OF SW SE

STATE..... IDAHO

COUNTY..... BOISE

MAP REFERENCE..... GARDEN VALLEY 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 51.

DISCHARGE..... 1492. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00164

GEOTHERM FILE 101 0025157

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GRIMES PASS HOT SPRINGS

WELL/SPRING NUMBER..... DBN-05E-10-BAAIS

LOCATION:

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES DBN 005E 10 NE OF NE SE

STATE..... IDAHO

COUNTY..... BOISE

MAP REFERENCE..... GARDEN VALLEY 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 48.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00165

GEOTHERM FILE 101 0025154

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HAVEN LODGE HOT SPRING
WELL/SPRING NUMBER... 04N-08E-31-AACIS

LOCATION

COUNTRY... UNITED STATES UTM 08E 31 SW OF NE VE

STATE... IDAHO

COUNTY... BOISE

GEOLOGIC PROVINCE... 19

MAP REFERENCE... LOWMAN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 84

DISCHARGE... 302 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEWATER, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

COORDINATES

LAT/LONG... 44-04.64 N 115-33.15 W

RECORD 00166

GEOTHERM FILE 101 0015271

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOT SPRINGS CAMPGROUND

WELL/SPRING NUMBER... 08N-03E-06-DC015

LOCATION

COUNTRY... UNITED STATES UTM 005E 06 W OF SW SE

STATE... IDAHO

COUNTY... BOISE

GEOLOGIC PROVINCE...

MAP REFERENCE... GARDEN VALLEY 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1977/10/20 MITCHELL, JON

POINT OF COLLECTION... SPOT 101 NEAR POOL

TEMPERATURE (C)... 64.0

DISCHARGE... 19 L/MIN

WATER TREATMENT... 7 BOTTLE SAMPLE 3FA FU FD RU RC

ANALYSIS

PH... 8.7 ATIC 23

SPECIFIC CONDUCTANCE... 370

ALKALITY... 120 AS CaCO3

TOTAL DISSOLVED SOLIDS... 249

CHARGE BALANCE IS DIFF... 3.1

ANALYSIS IN MCL

CO3... 24 LI... 0.11

AS... 0.006 MO... 0.11

AU... CU... 40... 5102 24

H2O... 15 NA... 73

CA... 3.2 HCO3... 71 NO3... 0.01 504 24

Mg... 1.1 H25... 0.01

CN... 1.3 PO4... 0.01

CH... 1.3

REFERENCE AND IDENTIFICATION

ISOTOPES (02001)

DATE/COLLECTION..... 1972/07/14
 TEMPERATURE (C)..... 65.0
 DISCHARGE..... 4946.
 DEPOSITS OR ALTERATION.... CARBONATE AND SILICEOUS DEPOSITS.
 PERTINENT LITHOLOGY..... CHELACEOUS GRANITIC ROCKS.
 OTHER SAMPLE INFORMATION... NUMEROUS SPRING VENTS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 322.
 ALKALINITY..... 73. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 245.
 CHARGE IMBALANCE (± DIFF.)... 8.6

ANALYSIS

ISOTOPES (0/00)

AG....	CO3....	21.	MG....	0.1		
AL....	CR....		MO....		5102.	67.
AU....	CU....		NA....	66.		
R....	F....	15.	NAOK.		504..	45.
HA....	FE+3....		NO3..	0.06		
CA....	MC03....	46.	PO4..	0.02		
CU....	M25....					
CL....						
CO....	K....	1.3				

QUALIFICATION FIELD..... TEMP. RANGES FROM 48 TO 65 DEG. C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENVER, J.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00109

GEOHEM FILE 101 0001556

OTHER SAMPLE TITLE

NAME OF SAMPLE SOURCE... KINKHAM HOT SPRINGS

WELL/SPRING NUMBER... NON-USE-32-CHATS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

LAT/LONG... 44-04.34 N 115-32.05 W

STATE..... IDAHO

COUNTY..... MOISE

GEOLOGIC PROVINCE... 19

TWP REFERENCE... LORHAN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1974/02/22

TEMPERATURE (C)..... 44.0

TEMPERATURE (C)..... 0.1325 L/H

OTHER SAMPLE INFORMATION... SAMPLE MAY HAVE BEEN TAKEN FROM ANY ONE OF THREE SPRINGS

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 322.
 ALKALINITY..... 73. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 245.
 CHARGE IMBALANCE (± DIFF.)... 8.6

ISOTOPES (0/00)

AG....	CO3....	29.	LI....	0.11	SR....	-135.
AL....	CR....		MO....	0.1	SC....	-17.9
AU....	CU....		NA....			
R....	F....		NAOK.		5102.	67.

DEL D OF WATER.....

DEL D(10) OF WATER...

HA.....	0.05	F.....	16.	NA.....	73.	SO4...	39.	TRITIUM (T.U.)..... 0.0 + DM - 0.1
HA.....		FE+3...		NA+K...		SR...		
HE.....		FE(TOT)...		NB.....				
CA.....	1.9	HCO3...	29.	NO3...	0.09			
CA+MG...		MG.....	L 0.00001	PO4...	L 0.03			
CO.....		H2S.....						
CL.....	3.9							
CO.....		K.....	1.3					

QUALITY FIELD..... FLUX RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS; NO3 WAS REPORTED AS

TOTAL N; PO4 WAS REPORTED AS TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... IHER, RANDY J.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... LEWIS AND YOUNG, 1980B

RECORD 00170

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0000481

NAME OF SAMPLE SOURCE... NAME UNKNOWN

WELL/SPRING NUMBER..... 03N-005E-10-HDD15

LOCATION

LODYSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES UBN 005E 10 SE OF SE 1/4

LAT/LONG... 44-02.77 N 115-51.12 W

STATE..... IDAHO

UTM ZONE... 11

COUNTY..... MOISE

NORTHING... 4877425

GEOLOGIC PROVINCE... 19

EASTING... 591971

NEAREST REFERENCE... GARDEN VALLEY 116250N

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1972/08/18

TEMPERATURE (C)... 55.0

WATER TYPE... A 265

PERCENT LITHOLOGY..... CRETACEOUS GRANITIC ROCKS.

ANALYSIS

DATE/ANALYST..... 1972/00/00

P... 5.6

SPECIFIC CONDUCTANCE... 335

ALKALINITY... 83 AS CaCO3

TOTAL DISSOLVED SOLIDS... 237

CHARGE BALANCE (± DIFF)... 0.2

ISOTOPES 10/001

AG... CO3... 30

AL... CH... 40

AR... CR... 40

AS... FE+3... 40

AT... HCO3... 40

BA... H2S... 40

BB... K... 1.3

BC... NA... 73

BD... NA+K... 73

BE... NB... 0.09

BF... NO3... 0.04

BG... PO4... 0.02

BH... SR... 39

BI... T... 0.0

BJ... U... 0.0

BK... V... 0.0

BL... W... 0.0

BM... X... 0.0

BN... Y... 0.0

BO... Z... 0.0

BP... AA... 0.0

BQ... AB... 0.0

BR... AC... 0.0

BS... AD... 0.0

BT... AE... 0.0

BU... AF... 0.0

BV... AG... 0.0

BW... AH... 0.0

BX... AI... 0.0

BY... AJ... 0.0

BZ... AK... 0.0

CA... AL... 0.0

CB... AM... 0.0

CC... AN... 0.0

CD... AO... 0.0

CE... AP... 0.0

CF... AQ... 0.0

CG... AR... 0.0

CH... AS... 0.0

CI... AT... 0.0

CJ... AU... 0.0

CK... AV... 0.0

CL... AW... 0.0

CM... AX... 0.0

CN... AY... 0.0

CO... AZ... 0.0

CP... BA... 0.0

CQ... BB... 0.0

CR... BC... 0.0

CS... BD... 0.0

CT... BE... 0.0

CU... BF... 0.0

CV... BG... 0.0

CW... BH... 0.0

CX... BI... 0.0

CY... BJ... 0.0

CZ... BK... 0.0

DA... BL... 0.0

DB... BM... 0.0

DC... BN... 0.0

DD... BO... 0.0

DE... BP... 0.0

DF... BQ... 0.0

DG... BR... 0.0

DH... BS... 0.0

DI... BT... 0.0

DJ... BU... 0.0

DK... BV... 0.0

DL... BW... 0.0

DM... BX... 0.0

DN... BY... 0.0

DO... BZ... 0.0

DP... CA... 0.0

DQ... CB... 0.0

DR... CC... 0.0

DS... CD... 0.0

DT... CE... 0.0

DU... CF... 0.0

DV... CG... 0.0

DW... CH... 0.0

DX... CI... 0.0

DY... CJ... 0.0

DZ... CK... 0.0

EA... CL... 0.0

EB... CM... 0.0

EC... CN... 0.0

ED... CO... 0.0

EE... CP... 0.0

EF... CQ... 0.0

EG... CR... 0.0

EH... CS... 0.0

EI... CT... 0.0

EJ... CU... 0.0

EK... CV... 0.0

EL... CW... 0.0

EM... CX... 0.0

EN... CY... 0.0

EO... CZ... 0.0

EP... DA... 0.0

EQ... DB... 0.0

ER... DC... 0.0

ES... DD... 0.0

ET... DE... 0.0

EU... DF... 0.0

EV... DG... 0.0

EW... DH... 0.0

EX... DI... 0.0

EY... DJ... 0.0

EZ... DK... 0.0

FA... DL... 0.0

FB... DM... 0.0

FC... DN... 0.0

FD... DO... 0.0

FE... DP... 0.0

FF... DQ... 0.0

FG... DR... 0.0

FH... DS... 0.0

FI... DT... 0.0

FJ... DU... 0.0

FK... DV... 0.0

FL... DW... 0.0

FM... DX... 0.0

FN... DY... 0.0

FO... DZ... 0.0

FP... EA... 0.0

FQ... EB... 0.0

FR... EC... 0.0

FS... ED... 0.0

FT... EE... 0.0

FU... EF... 0.0

FV... EG... 0.0

FW... EH... 0.0

FX... FI... 0.0

FY... FJ... 0.0

FZ... FK... 0.0

GA... FL... 0.0

GB... FM... 0.0

GC... FN... 0.0

GD... FO... 0.0

GE... FP... 0.0

GF... FQ... 0.0

GG... FR... 0.0

GH... FS... 0.0

GI... FT... 0.0

GJ... FU... 0.0

GK... FV... 0.0

GL... FW... 0.0

GM... FX... 0.0

GN... FY... 0.0

GO... FZ... 0.0

GP... GA... 0.0

GQ... GB... 0.0

GR... GC... 0.0

GS... GD... 0.0

GT... GE... 0.0

GU... GF... 0.0

GV... GG... 0.0

GW... GH... 0.0

GX... GI... 0.0

GY... GJ... 0.0

GZ... GK... 0.0

HA... GL... 0.0

HB... GM... 0.0

HC... GN... 0.0

HD... GO... 0.0

HE... GP... 0.0

HF... GQ... 0.0

HG... GR... 0.0

HH... GS... 0.0

HI... GT... 0.0

HJ... GU... 0.0

HK... GV... 0.0

HL... GW... 0.0

HM... GX... 0.0

HN... GY... 0.0

HO... GZ... 0.0

HP... HA... 0.0

HQ... HB... 0.0

HR... HC... 0.0

HS... HD... 0.0

HT... HE... 0.0

HU... HF... 0.0

HV... HG... 0.0

HW... HH... 0.0

HX... HI... 0.0

HY... HJ... 0.0

HZ... HK... 0.0

IA... HL... 0.0

IB... HM... 0.0

IC... HN... 0.0

ID... HO... 0.0

IE... HP... 0.0

IF... HQ... 0.0

IG... HR... 0.0

IH... HS... 0.0

II... HT... 0.0

IJ... HU... 0.0

IK... HV... 0.0

IL... HW... 0.0

IM... HX... 0.0

IN... HY... 0.0

IO... HZ... 0.0

IP... IA... 0.0

IQ... IB... 0.0

IR... IC... 0.0

IS... ID... 0.0

IT... IE... 0.0

IU... IF... 0.0

IV... IG... 0.0

IW... IH... 0.0

IX... II... 0.0

IY... IJ... 0.0

IZ... IK... 0.0

NAME OF SAMPLE SOURCE... DAYETTE RIVER AREA
 WELL/SPRING NUMBER... 09N-03E-25-AD15
 LOCATION...
 COUNTRY... UNITED STATES
 STATE... IDAHO
 COUNTY... BOISE
 GEOLOGIC PROVINCE...
 MAP REFERENCE... BAKS 1124000

COORDINATES
 LAT/LONG... 44-05.52 N 116-02.99 W
 UTM ZONE... 11
 NORTHING... 4881610.
 EASTING... 576071.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION... 1972/08/04
 TEMPERATURE (C)... 80.0
 DISCHARGE... 76 L/MIN
 PERTINENT LITHOLOGY... CRETACEOUS GRANITE
 OTHER SAMPLE INFORMATION... NUMEROUS VENTS.

WATER ANALYSIS
 DATE/ANALYST... 1972/00/00
 pH... 8.1
 SPECIFIC CONDUCTANCE... 600
 ALKALINITY... 131
 TOTAL DISSOLVED SOLIDS... 0.63
 CHARGE IMBALANCE (6 DIFF.)... 1.5

ANALYSIS

AN...	CO3...	N	MG...	N		
AL...	CR...		MO...		5102.	120.
AI...	CU...		NA...	130.	504.	74.
H...	F...	13.	NA...			
HA...	FE...		NO3...	0.04		
CA...	MC03...	160.	PO4...	0.02		
CD...	H2S...					
CL...						
CO...		4.0				

ISOTOPES 10/001

QUALIFICATION FIELD... TEMP. RANGES FROM 46 TO 65 DEG. C.
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RENNE, J.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE... YOUNG AND MITCHELL, 1973

RECORD 00172

GEOTHERM FILE 101 0025158

IDENTIFIED SAMPLE FILE
 NAME OF SAMPLE SOURCE... PINE FLAT HOT SPRING
 WELL/SPRING NUMBER... 09N-06E-01-AD15
 LOCATION...
 COUNTRY... UNITED STATES
 STATE... IDAHO
 COUNTY... BOISE
 MAP REFERENCE... PINE FLAT 1124000

COORDINATES
 LAT/LONG... 44-03.72 N 115-41.23 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION...
 TEMPERATURE (C)...
 DISCHARGE...
 PERTINENT LITHOLOGY...
 OTHER SAMPLE INFORMATION...
 REFERENCE AND IDENTIFICATION
 COMPILED BY... NIDEA/ETAL KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00173

GEOTHERM FILE 101 0001565

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PINE FLAT HOT SPRINGS

WELL/SPRING NUMBER... DBN-00E-01-ADH15

LOCATION

COUNTRY... UNITED STATES TOWNSHIP-RANGE DBN 000E 01 W OF SE VE

STATE... IDAHO

COUNTY... BOISE

GEOLOGIC PROVINCE... 19

MAP REFERENCE... PINE FLAT 1124000

COORDINATES

LAT/LONG... 44-03.72 N 115-41.23 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION... 1979/02/27

TEMPERATURE (C)... 59.5

DISCHARGE... 0.652 L/MIN

WATER ANALYSIS

pH... 9.2

SPECTROSCOPIC CONDUCTANCE... 343

ALKALINITY... 80

TOTAL DISSOLVED SOLIDS... 242

CHARGE IMBALANCE (B DIFF)... 2.2

ANALYSIS IN MG/L

AG... CO3... 29

AL... CO... 29

AS... 0.000

AU... 0.00

BA... 0.00

CA... 2.0

CA... 2.0

CL... 0.00001

CO... 0.00001

CU... 0.00

FE... 1.1

K... 1.1

M... 1.1

M... 1.1

M... 1.1

M... 1.1

M... 1.1

M... 1.1

M... 1.1

M... 1.1

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M... 1.1

M... 1.1

M... 1.1

M... 1.1

ISOTOPES (0/001)

DEL D OF WATER... -13.0

DEL D (18) OF WATER... -18.5

QUALIFICATION FIELD... FLTH DATE IS FOR ENTIRE SPRING COMPLEX CALCULATED TOTAL DISSOLVED SOLIDS NO3 WAS REPORTED AS

TOTAL NO3 WAS REPORTED AS TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY... LIEB, RANDY J.

COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY

REFERENCE... LEWIS AND YOUNG, 1900B

RECORD 00174

GEOTHERM FILE 101 0025159

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PINE FLAT HOT SPRINGS

WELL/SPRING NUMBER... DBN-00E-01-ADH15

LOCATION

COUNTRY... UNITED STATES TOWNSHIP-RANGE DBN 000E 01 W OF SE VE

STATE... IDAHO

COUNTY... BOISE

MAP REFERENCE... PINE FLAT 1124000

COORDINATES

LAT/LONG... 44-03.72 N 115-41.23 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION... 1979/02/27

TEMPERATURE (C)... 59.5

DISCHARGE... 0.652 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... MIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00175

GEOTHERM FILE 101 0025160

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SACAJAWEA HOT SPRINGS
WELL/SPRING NUMBER..... 10N-11E-30-AA01S

LOCATION..... IDAHO-SHIP-RANGE

COORDINATES

LAT/LONG... 44-49.62 N 115-10.61 W

COUNTY..... UNITED STATES 10N 01E 30 SE OF NE VE

STATE..... IDAHO

COUNTY..... BOISE

MAP REFERENCE..... GRANDJEAN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 48

DISCHARGE..... 178 L/MIN

ANALYSIS

SPECIFIC CONDUCTANCE..... 360

REFERENCE AND IDENTIFICATION

COMPILED BY..... AIDEANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00176

GEOTHERM FILE 101 0025163

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STOPE WARM SPRINGS

WELL/SPRING NUMBER..... 06N-05E-33-ABC1S

LOCATION..... IDAHO-SHIP-RANGE

COORDINATES

LAT/LONG... 43-49.15 N 115-52.18 W

COUNTY..... UNITED STATES 06N 05E 33 SW OF NW VE

STATE..... IDAHO

COUNTY..... BOISE

GEOLOGIC PROVINCE.. 19

MAP REFERENCE..... IDAHO CITY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40

PERMIT LITHOLOGY..... CRETACEOUS GRANITIC ROCK

OTHER SAMPLE INFORMATION... REFERENCE UNAVAILABLE, RECORD UNVERIFIABLE, LOCATION APPROXIMATE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... AIDEANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00177

GEOTHERM FILE 101 0001564

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING NEAR HOPKINS CREEK (2)

WELL/SPRING NUMBER..... 06N-05E-33-ABC1S

LOCATION..... IDAHO-SHIP-RANGE

COORDINATES

LAT/LONG... 44-02.04 N 115-49.46 W

COUNTY..... UNITED STATES 06N 05E 11 SW OF NE VE

STATE..... IDAHO

COUNTY..... BOISE

MAP REFERENCE..... GARDEN VALLEY 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE COLLECTED..... 1979/07/25

TEMPERATURE (C)..... 56.5

DISCHARGE..... 0.19 L/MIN
 WATER ANALYSIS
 PH..... 9.2
 SPECIFIC CONDUCTANCE..... 340.
 ALKALINITY..... 79. AS CaCO₃
 ANALYSIS IN MG/L

ISOTOPES (U/001)

AG..... CO₃..... 26.
 CA..... HCO₃..... 43.
 QUALIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH, RANDY J.
 CAMPAIGN AFFILIATION..... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980B

RECORD 00178

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 103 0001563

NAME OF SAMPLE SOURCE..... INNAMED SPRING NEAR HOPKINS CREEK (1)
 WELL/SPRING NUMBER..... ANN-JOE-11-BAA15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BOISE
 GEOLOGIC PROVINCE..... 19
 MAP REFERENCE..... GARDEN VALLEY 1162500

LAT/LONG... 44-03.04 N 115-49.90 W

SAMPLE DESCRIPTION AND COMMENTS

DATE/COLLECTOR..... 1977/02/26
 TEMPERATURE (C)..... 40.0

DISCHARGE..... 0.132 L/MIN
 WATER ANALYSIS

PH..... 9.1
 SPECIFIC CONDUCTANCE..... 352.
 ALKALINITY..... 81. AS CaCO₃
 TOTAL DISSOLVED SOLIDS..... 254.
 CHARGE BALANCE (± DIFF.)..... 2.7
 ANALYSIS IN MG/L

ISOTOPES (U/001)

AG..... CO₃..... 28. LI..... 0.16
 AL..... CA..... 49. MG..... 0.8
 AS..... 0.009
 AR..... 0.009
 BA..... 1.0
 BR..... 0.00001
 BU..... 0.003

QUALIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX TOTAL DISSOLVED SOLIDS NO3 WAS REPORTED AS
 TOTAL II. NO3 WAS REPORTED AS TOTAL P
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LIEH, RANDY J.
 CAMPAIGN AFFILIATION..... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980B

RECORD 00179

GEOTHERM FILE 101 0001556

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING NEAR LICK CREEK (1)

WELL/SPRING NUMBER... 09N-07E-35-AAA15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 09N 07E 35 NE OF NE NE

LAT/LONG... 44-04.84 N 115-35.2 W

STATE... IDAHO

MERID: BOISE

COUNTY... MOISE

GEOLOGIC PROVINCE... 19

MAP REFERENCE... LOMMAN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1979/05/07

TEMPERATURE (C)... 37.0

DISCHARGE... 0.11 L/MIN

INTERPRETATION

P... 4.3

SPECIFIC CONDUCTANCE... 207

ANALYSIS IN MUG/L

QUALIFICATION FIELD... FLOW RATE IS FOR ENTIRE SPRING COMPLEX

REFERENCE AND VERIFICATION

COMPILED BY... LIEB, RANDY J.

COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY

REFERENCE... LEWIS AND YOUNG, 1980B

RECORD 00180

GEOTHERM FILE 101 0001557

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING NEAR TENMILE CREEK (1)

WELL/SPRING NUMBER... 09N-09E-22-UC15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 09N 09E 22 NE OF SW SE

LAT/LONG... 44-05.8 N 115-22.3 W

STATE... IDAHO

MERID: BOISE

COUNTY... MOISE

GEOLOGIC PROVINCE... 19

MAP REFERENCE... JACKSON PEAK 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1979/07/29

TEMPERATURE (C)... 35.0

DISCHARGE... 3.49 L/MIN

INTERPRETATION

P... 4.3

SPECIFIC IN MUG/L

QUALIFICATION FIELD... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; TEMPERATURE MAY HAVE BEEN HIGHER BECAUSE VENTS WERE OPEN

REFERENCE AND VERIFICATION

COMPILED BY... LIEB, RANDY J.

COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY

REFERENCE... LEWIS AND YOUNG, 1980B

RECORD 00181

GEOTHERM FILE 101 0001555

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING NEAR WARM CREEK (1)

WELL/SPRING NUMBER... 09N-09E-31-ACA15

AG....	CO3....	2.	LI....	0.1	SB....	DEL D OF WATER.....	-136
AL....	CH....		MG....	0.1	SC....	DEL 0118) OF WATER...	-18.2
AS....	0.001						
AW....	CU....		MO....		SI02.	110.	
R....	0.12		NA....	90.	SO4..	27.	
HA....	FE+3....	13.	NA+K.				
CA....	1.9		NO3..	0.04			
CA+G.	MC03....	130.	PO4..	L 0.03			
CO....	MG....	L 0.00001					
CL....	M25....						
CO....	19.						
		3.2					

QUANTIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX CALCULATED TOTAL DISSOLVED SOLIDS NO3 WAS REPORTED AS
TOTAL N3. PO4 WAS REPORTED AS TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... IIER. HANUY J.

COMPILED AFFILIATION... H. S. GEOLOGICAL SURVEY

REFERENCE..... LEWIS AND YOUNG. 1980; MITCHELL AND OTHERS. 1980

RECORD 00183

GEOCHEM FILE 101 0025161

OTHERS SAMPLE FILE

NAME OF SAMPLE SOURCE... WARM SPRINGS CREEK HOT SPRINGS

WELL/SPRING NUMBER..... 10N-04E-33-C0015

LOCATION..... IDAHO-CHIP-RANGE

COUNTY..... UNITED STATES 10N 004E 33 SE OF NW SW

STATE..... IDAHO

COUNTY..... HOISF

MAP REFERENCE..... GARDEN VALLEY 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75

DISCHARGE..... 5677. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA. KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS. 1980

RECORD 00184

GEOCHEM FILE 101 0025162

OTHERS SAMPLE FILE

NAME OF SAMPLE SOURCE... WARM SPRINGS RESORT

WELL/SPRING NUMBER..... 10N-04E-33-C0015

LOCATION..... IDAHO-CHIP-RANGE

COUNTY..... UNITED STATES 10N 005E 33 SW OF SE VE

STATE..... IDAHO

COUNTY..... HOISF

GEOLOGIC PROVINCE... 19

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 42

DISCHARGE..... 1139. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA. KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS. 1980

RECORD 00185

GEOTHERM FILE 101 0015279

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ALPINE WARM SPRINGS

WELL/SPRING NUMBER... 025-J46E-14-CAU15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 025 046E 19 NE OF SW

STATE... IDAHO

COUNTY... HOMERVILLE

GEOLOGIC PROVINCE... IN

MAP REFERENCE... ALPINE 1324000

LAT/LONG... 43-13.59 N 111-06.27 W

UTM ZONE... 12

NORTHING... 4785295

EASTING... 491513

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION... 1977/07/27 MITCHELL, JOHN

TEMPERATURE (C)... 37

DISCHARGE... 70 L/MIN

WATER TREATMENT... 7 BOTTLE SAMPLE 3FA FU FU HU MC

WATER ANALYSIS

pH... 6.5 ATIC) 25

ELECTRIC CONDUCTANCE... 10499

ALKALINITY... 1007 AS CAC03

TOTAL DISSOLVED SOLIDS... 6020

CHARGE IMBALANCE IS DIFF... 13.2

ANALYSIS

ISOTOPE 10/001

AG... CO3... 4 LI... 2.3

AL... CH... 100

AS... 0.014

AU... CO... 5102 40

HA... F... 2.7 NA... 1500

HT... FE... 504 1000

CA... 500 GA... 5.5

CD... HCO3... 880 NO3... 0.05

CE... H2O... N

CL... 2000 H2S... 0.53

CO... R... 124

REFERENCE AND IDENTIFICATION

COMPILED BY... LEE, LINDA

COMPILED AFFILIATION... IDAHO DEPT, WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1970

RECORD 00186

GEOTHERM FILE 101 0025164

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RICHARD PIGGOT WELL

WELL/SPRING NUMBER... 024-J4E-30-ADCI

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 024 039E 30 SW OF SE NE

STATE... IDAHO

COUNTY... HOMERVILLE

MAP REFERENCE... AMMOY 1102500

LAT/LONG... 43-28.60 N 111-54.15 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION... 1977/07/27 MITCHELL, JOHN

TEMPERATURE (C)... 37

DISCHARGE... 70 L/MIN

WATER TREATMENT... 7 BOTTLE SAMPLE 3FA FU FU HU MC

WATER ANALYSIS

pH... 6.5 ATIC) 25

ELECTRIC CONDUCTANCE... 10499

ALKALINITY... 1007 AS CAC03

TOTAL DISSOLVED SOLIDS... 6020

CHARGE IMBALANCE IS DIFF... 13.2

ANALYSIS

ISOTOPE 10/001

AG... CO3... 4 LI... 2.3

AL... CH... 100

AS... 0.014

AU... CO... 5102 40

HA... F... 2.7 NA... 1500

HT... FE... 504 1000

CA... 500 GA... 5.5

CD... HCO3... 880 NO3... 0.05

CE... H2O... N

CL... 2000 H2S... 0.53

CO... R... 124

COMPILER AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00187

GEOTHERM FILE 101 0001434

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING NE OF FALL CREEK MINERAL SPRINGS (1)

WELL/SPRING NUMBER..... 01N-43E-04-C0815

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 043E 04 W OF NW 5W

LAT/LONG... 43-25.7 N 111-24.4 W

STATE..... IDAMO

MENU: BOISE

COUNTY..... BONNEVILLE

GEOLOGIC PROVINCE.. 18

MAP REFERENCE..... CONANT VALLEY 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/10

TEMPERATURE (C)..... 25.0

DISCHARGE..... E 245, L/MIN

WATER ANALYSIS

P..... 6.3

SPECIFIC CONDUCTANCE..... 7950.

ALKALINITY..... 984. AS CaCO3

TOTAL DISSOLVED SOLIDS... 4650.

CHARGE IMBALANCE IS DIFF..... 0.3

ANALYSIS IN MG/L

ISOTOPES 10/001

AG.....	CO3.....	N			
AL.....	CH.....	46.....	95.		
AU.....	CU.....	40.....		512.	11.
BA.....	F.....	1.7	1110.		
BR.....	FE+3.....	NA+K.....	504.	340.	
CA.....	440.	MC03.....	1200.	NO3.....	0.05
CD.....	1900.	H2S.....	PO4.....	0.04	
CL.....	120.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LICH, RANDY

COMPILER AFFILIATION... 115.015

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00188

GEOTHERM FILE 101 0025100

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WHITE CITY WELL NO. 1

WELL/SPRING NUMBER..... 03N-27E-04-AB01

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03N 027E 04 W OF NW 5E

LAT/LONG... 43-36.55 N 113-14.7 W

STATE..... IDAMO

COUNTY..... HUIF

GEOLOGIC PROVINCE.. 18

MAP REFERENCE..... WHITE CITY 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/03

TEMPERATURE (C)..... 35.

DISCHARGE..... 149

PERMIT LITHOLOGY..... PLEISTOCENE BASALT AND SEDIMENTS
DIME SAMPLE INFORMATION.. DRILLER'S LOG AVAILABLE
WATER ANALYSIS

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APR 18 1951
P..... 7.2
SPECIFIC CONDUCTANCE..... 540.
ALKALINITY..... 250. AS CaCO3
TOTAL DISSOLVED SOLIDS... 340.
CHARGE IMBALANCE (3 DIFF.)... 4.1
ANALYSIS IN MG/L

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150 LOPES 10/001

CO313 IN FILE	CO3.....	MA.....	MB.....	24..	5102..	33
AG.....	CA.....		MA.....			
AL.....	CU.....		MA.....	31..		
QU.....	F.....	0.8	NA+K..		504..	50
HA.....	FE+3....		N03..	0.98		
HA.....	HCU3....	315.	P04..	0.02		
CA..... 64..	M2S.....					
CO.....						
CL..... 22..	K.....	7.7				
CO.....						

REFERENCE AND IDENTIFICATION

EFFORTS AND INVESTIGATION
COMPILED BY..... RINEGANETA, RIM M.
COMPILER AFFILIATION... TJAMO DEPT. OF WATER RESOURCES
REFERENCE..... YOUNG AND MITCHELL 1973

REC'D 00189

GEUTHERN FILE 101 . 0029165

GEORGE, BATTLE-FILE

NAME OF SAMPLE SOURCE... HARVEY WALKER WELL
WELL/SPRING NUMBER..... 03N-27E-09-AAB1

LOCATIONS..... 75N-27E-0..... 10x5-1P-RANGE
COUNTY..... UNITED STATES..... 03N 027E 09 W OF NE VE
STATE..... IDAHO.....
COUNTY..... BUTTE.....
GOLD-IC PROVINCE.. ID
NIP REFERENCE..... BUTTE CITY 1124000
SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES
LAT/LONG... 43-36.56 N 113-14.30 E

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)	40
WELL DEPTH (M)	18

NEED HAVE A JUSTIFICATION

COMPLETION DATE..... WIDEGBETA, KIM M.
COMPILED AFFILIATION... TUAMU DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD Q1190

GEOTHEM FILE 108 0000511

WILLIAM J. BRYAN

NAME OF SAMPLE SOURCE... LEWIS ROTHWELL WELLS
WELL SPRING NUMBER..... NJN-251-32-COOL

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LOCATION..... 1003541P=84404
COUNTRY..... UNITED STATES..... DTN 025E 32 SE 3P SE 50
STATE..... IDAHO
COUNTRY..... HAITI
650541C PROVINCE.. 10
NAME DESCRIPTION AND COMPOSITION
DATE/COLLECTOR..... 1972/JH/UG
TEMPERATURE (C)..... 41.0
ELEVATION (M)..... 1106

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CORRODINAILS
LAT/LONG... 43-32.43 N 113-30.12
UTM ZONE... 11
NUMTIMING... 4821716
EASTING... 378644

DISCHARGE..... 35.4 L/MIN
 PERMIT LITHOLOGY..... PLEISTOCENE BASALT.
 OTHER SAMPLE INFORMATION.. DRILLER'S LOG AVAILABLE
 WFFB ANALYSIS

DATE/ANALYST..... 1972/00/00

PH..... 6.3

SPECIFIC CONDUCTANCE..... 898

ALKALINITY..... 204 AS CaCO₃

TOTAL DISSOLVED SOLIDS... 599

CHARGE IMBALANCE IN DIFF. 1... 2.6

ANALYSIS

AR.....	CO ₃	N	MG....	24.		
AL.....	CH.....		MO....		5102.	55.
AIJ.....	CO.....		NA....	72.		
H.....	F.....	3.2	NA+K.		504..	170.
RA.....	FE+3....		NO ₃ ..	0.12		
CA.....	HC0 ₃	322.	PO ₄ ..	0.02		
CO.....	M2S.....					
CL.....						
CO.....						

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNERT J.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... YOUNG AND MITCHELL 1973

RECORD 00191

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... PARAHUENS HOT SPRINGS

WELL/SPRING NUMBER..... 015-013E-34-HCC15

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CAYUS

GEOLOGIC PROVINCE...

MAP REFERENCE..... FAIRFIELD 1142500

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION..... 1972/00/20

TEMPERATURE (C)..... 70.0

DISCHARGE..... 117. L/MIN.

WFFB ANALYSIS

PH..... 6.3

SPECIFIC CONDUCTANCE..... 471

ALKALINITY..... 185 AS CaCO₃

TOTAL DISSOLVED SOLIDS... 337

CHARGE IMBALANCE IN DIFF. 1... 11.0

ISOTOPES 10/001

AR.....	CO ₃	N	MG....	0.1		
AL.....	CH.....		MO....		5102.	77.
AIJ.....	CO.....		NA....	99.		
H.....	F.....	14.	NA+K.		504..	13.
RA.....	FE+3....		NO ₃ ..	0.08		
CA.....	HC0 ₃	226.	PO ₄ ..	0.06		
CO.....	M2S.....					

GEOTHERM FILE 101 000051742

COORDINATES

LAT/LONG... 43-17.58 N 114-54.48 W

UTM ZONE... 18

NORTHING... 4796203

EASTING... 669793

CL.... 15.
 CO.... K..... 2.5
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RENNEN, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00192

GEOTHERM FILE 101 0001030

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BARRONS HOT SPRINGS
 WELL/SPRING NUMBER..... 015-135-34-MCB 15
 WORTH NUMBER..... 139

LOCATION:
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAS
 MAP REFERENCE..... FAIRFIELD 1162500

TOWNSHIP-RANGE

01S 01E 34 NW OF 50 N
 T10S R01E

COORDINATES

LAT/LONG... 43-17.63 N 114-54.52 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/11/01 MITCHELL, JOHN
 TEMPERATURE (C)..... 73.

DISCHARGE..... 40 L/MIN

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR TERTIARY SILICIC VOLCANIC ROCK.

ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION

P..... M2

SPECIFIC CONDUCTANCE..... 345

ALKALINITY..... 100 AS CaCO3

TOTAL DISSOLVED SOLIDS... 364

CHARGE IMBALANCE IN DIFF..... 1.4

ANALYSIS IN MG/L

AG....	CO3....	N	MO....	0.1	SIZE....	0.1
AL....	CH....		NO....		SP4....	13.
AU....	CU....		NA....	100.		
H....	F....	13.	NA+K....			
HA....	FE+3....		NH4....	0.11		
HT....	GA....		NO3....	N		
CA....	HCO3....	227.	PO4....	0.01		
CH....	H2S....					
CL....						
CO....						

ISOTOPES (C/1000)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNEN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976C

RECORD 00193

GEOTHERM FILE 101 0015260

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BAUMGARTEN HOT SPRING
 WELL/SPRING NUMBER..... 03N-01E-07-LCC19

LOCATION:
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAS

TOWNSHIP-RANGE

03N 01E 07 SW OF SE SE
 T03S R01E

COORDINATES

LAT/LONG... 43-36.09 N 115-04.14 W
 UTM ZONE... 11
 NORTHING... 4824210

EASTING... 655855.

GEOLOGIC PROVINCE... 19
 HSD REFERENCE... JUMBO MOUNTAIN 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR... 1977/10/14 MITCHELL, JOHN
 TEMPERATURE (C)... 44.0
 DISCHARGE... 70
 WATER TREATMENT... 7 BOTTLE SAMPLE 3FA FU FD RU MC

WATER ANALYSIS

PH... 8.5 ATIC1 25.
 SPECIFIC CONDUCTANCE... 270
 ALKALINITY... 84 AS CAC03
 TOTAL DISSOLVED SOLIDS... 195
 CHARGE BALANCE (% DIFF)... 14.4

ANALYSIS IN MG/L

AG...	CO3...	11.	LI...	0.1		
AL...	CH...		MG...			
AS... 0.002						
AU...	CU...		MO...	5102.	44.	
BA... 0.07	FE...	5.5	NA...	54.		
	FE...		VA...	504.	22.	
BT...	GA...		NH4...	0.07		
CA... 2.5	HCO3...	80.				
CA-MG...	MG...	N				
CD...	NH2...		PO4...	0.01		
CI... 15.						
CO...	K...	0.0				

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY... LEE, LINDA
 COMPILED AFFILIATION... IDAHO DEPT. WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00194

GEOTHERM FILE 101 0001020

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HAUMGANTNER HOT SPRINGS
 WELL/SPRING NUMBER... 03N-12E-07-DCD 15

LOCATION

COUNTRY... UNITED STATES 03N 012E 07 SE OF SW SE
 STATE... IDAHO MERIDI HOISE
 COUNTY... CAMAR

COORDINATES

LAT/LONG... 43-36.15 N 115-04.22 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1977/10/14 MITCHELL, JOHN
 TEMPERATURE (C)... 44
 DISCHARGE... 70 L/MIN

PERMITTING AGENCY... CHELACIOUS GRANITIC ROCK

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY
 PH... 8.5
 SPECIFIC CONDUCTANCE... 270
 ALKALINITY... 84 AS CAC03
 TOTAL DISSOLVED SOLIDS... 195

ANALYSIS IN MG/L

AG...	CO3...		LI...			
AL...	CH...		MG...			
AS...						
AU...	CU...		MO...	5102.	47.	
BA...	FE...		NA...			
	FE...		VA...			
BT...	GA...		NH4...			
CA...	HCO3...					
CA-MG...	MG...		PO4...	0.27		
CD...	NH2...			0.01		
CI...						
CO...						

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00195

GEOTHERM FILE 103 0025169

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG SMOKEY WARM SPRING

WELL/SPRING NUMBER..... 04N-14E-12-HAC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 014E 12 S4 OF NE 44

STATE..... IDAHO

COUNTY..... CAMAS

MAP REFERENCE..... BAKER PEAK 1124000

LAT/LONG... 43-42.06 N 114-44.26 W

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

RECORD 00196

GEOTHERM FILE 103 0000513

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ELK CREEK HOT SPRINGS

WELL/SPRING NUMBER..... 01N-015E-14-ADA15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 01N 015E 14 NE OF SE 4E

STATE..... IDAHO

COUNTY..... CAMAS

GEOLOGIC PROVINCE... DEER MTN. 1124000

LAT/LONG... 43-25.38 N 115-37.04 W

UTM ZONE... 11

NORTHING... 4808409.

EASTING... 611117.

REFERENCE AND IDENTIFICATION

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/06/21

TEMPERATURE (C)..... 53.5

DISCHARGE..... 4.57 L/MIN

DEPOSITS OR ALTERATION... CARBONATE DEPOSITS.

POTENTIAL LITHOLOGY..... METACIOUS GRANITIC ROCKS NEAR CONTACT WITH OLIGOCENE SILICEOUS VOLCANIC ROCKS.

OTHER SAMPLE INFORMATION... FIVE SPRING VENTS AND NUMEROUS SEEPS! TEMP RANGE 43 TO 53 1/2 C.

ANALYSIS

DATE/ANALYST..... 1972/00/00

SPECIFIC CONDUCTANCE..... 252

TOTAL DISSOLVED SOLIDS..... 3622

CATION BALANCE (4 DIFF.)... 14.5

ANALYSIS

ANALYST.....

ANALYST.....

ANALYST.....

ANALYST.....

ANALYST.....

ANALYST.....

ANALYST.....

ANALYST.....

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ANALYST.....

ANALYST.....

ANALYST.....

ANALYST.....

ANALYST.....

ISOTOPES 10/001

GEUTHERM FILE 101 U025168

NAME OF SAMPLE SOURCE... HOUSEMAN HOT SPRINGS
WELL/SPRING NUMBER..... NM-13E-07-UCC

WELL SPRING NUMBER..... 104-100-0
 LOCATION..... 104-100-RANGE
 COUNT..... UNITED STATES..... U3M 013E 07 SW OF SW SE
 STATE..... IDAHO
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE..... 19
 MAP REFERENCE..... HOARDMAN CREEK 1124000

LAT/LONG... 43-36.14 N 114-57.86 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 67.
REFERENCE AND IDENTIFICATION
COMPILED BY..... HUEGANETA, KIM M.
COMPILER AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

GOVERNMENT FILE NO. 0001026

NAME OF SAMPLE SOURCE... KEITH STRUM WELLS
WELL/SPLITTING NUMBER..... 015-12E-31-CHC 1

COUNTRY..... UNITED STATES..... UIC 012E 31 S of No 5
 STATE..... IDAHO..... MENID: HUISE
 COUNTY..... CAMAS
 GEOGRAPHIC PROVINCE.. 19
 MAP REFERENCE..... HILL CITY 1124000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE.

LAT/LONG... 43-17.35 N 115-05.10 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/66720 MITCHELL, JOHN AND YOUNG, BILL
TEMPERATURE (C)..... 31.
FLY DEPTH (M)..... 122.
WIND SPEED..... 57. L/MIN

PERILLENT LITHOLOGY

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

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P..... V2
S-GEIC CONDUCTANCE..... R2
RHO..... R3 AS CAC03
TOTAL DISSOLVED SOLIDS... 1107
CHARGE IMBALANCE (in diff.)... 0.11
ANALYSIS IN MG/L

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ISOLOPES 10/04

AG.....	CO3.....	28.			
AU.....	CH.....		H6....	N	
AU.....	CU.....		H0....		S102.. 30.
H.....	P.....	0.8	NA....	32.	
HA.....	FE3.....		VA3....		504... 3.3
LA..... 0.6	HCO3.....	31.	VOK... 0.03		
CD.....	H2S.....		PO4... 0.04		
CA..... 2.4					
CN.....	K.....	0.3			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00199

GEUTHEM FILE 101 0001027

GEUTHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... IEE BARRON WELL
 WELL/SWING NUMBER..... 015-13E-27-CCB 1

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAR
 MAP REFERENCE..... FAIRFIELD 1162500

TOWNSHIP-RANGE

015 013E 27 NW OF SW SW
 MENIDUS BOISE

COORDINATES

LAT/LONG... 43-18.10 N 114-54.55 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/11/01 MITCHELL, JOHN
 TEMPERATURE (C)..... 35
 WELL DEPTH (M)..... 54
 DISCHARGE..... 303 L/MIN

PARENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 491
 ALKALINITY..... 158 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 134
 CHARGE IMBALANCE (A DIFF).... 3.5

ANALYSIS IN MU/L

ANALYSIS IN MU/L		ISOTOPES (D/001)	
AG.....	CO3..... N		
AL.....	CR.....	MG... 0.1	
AI.....	CU.....	MO... 5102. 63.	
HA..... 0.02	F..... 11.	VA... 94.	
HA.....	FE... 21.	VA... 504.. 9.8	
CI.....	GA.....	NH... 0.53	
CA..... 3.4	MC03... 21.	NO3.. 0.02	
CO.....	M25.....	PO4.. 0.02	
CL..... 11.			
CO.....	K..... 1.6		

QUALIFICATION FIELD..... DISCHARGE FROM MITC WELL AND OTHERS, 1980.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1973

RECORD 00200

GEUTHEM FILE 101 0001029

GEUTHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... IEE BARRON WELL 2
 WELL/SWING NUMBER..... 015-13E-27-CCB 2

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAR
 MAP REFERENCE..... FAIRFIELD 1162500

TOWNSHIP-RANGE

015 013E 27 NW OF SW SW
 MENIDUS BOISE

COORDINATES

LAT/LONG... 43-18.07 N 114-54.50 W

SAMPLE DESCRIPTION INFORMATION: LOCATION APPROXIMATE.
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 19-3/11/01 MITCHELL, JOHN
 TEMPERATURE (C)..... 15.
 WELL DEPTH (M)..... 117.

DISCHARGE..... L/MIN
 PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 P..... 8.5
 SPECIFIC CONDUCTANCE..... 411.
 ALKALINITY..... 176. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 337.
 CHARGE IMBALANCE (A DIFF.)... 2.1

ANALYSIS IN MG/L

AG....	CO3.....	N	MG....	0.1		
AL....	CU.....		NO....		5102.	66.
AU....	CL.....		NA....	99.	504..	9.1
B.....	F.....	10.	VA....			
BA....	FE....		NH4....	0.1		
BI....	GA....		NO3....	0.02		
CA....	HCO3....	213.	PO4....	0.03		
CH....	H2S....					
CL....						
CO....	K.....	2.6				

PREPARE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976C

RECORD 00201

GEOTHERM FILE 101 0081031

WATER SAMPLE FILE

NAME OF SAMPLE SOURCE... LEE BARNON WELL

WELL/SPRING NUMBER..... NIS-13E-34-NGC1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAS

MAP REFERENCE..... FAIRFIELD 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/11/01 MITCHELL, JOHN

TEMPERATURE (C)..... 15.

DISCHARGE..... L/MIN

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 P..... 8.5
 SPECIFIC CONDUCTANCE..... 347.
 ALKALINITY..... 175. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 346.
 CHARGE IMBALANCE (A DIFF.)... 3.4

ANALYSIS IN MG/L

AG....	CO3.....	N	MG....	0.1		
AL....	CU.....		NO....		5102.	66.
AU....	CL.....		NA....			

COORDINATES

LAT/LONG... 43-17.53 N 114-54.50 W

ISOLINES 10/001

H..... 0.02 F..... 13. VA... 100.
 HA..... FE+3..... NA+K... 504... 12.
 CA..... 3.0 MC03..... 211. V03... 0.19
 CO..... M2S..... P04... N
 CL..... 14.
 CO..... R..... 2.7

REFERENCE AND IDENTIFICATION

SAMPLED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHU DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976C

RECORD 00202

GEOCHEM. SAMPLE FILE

GEOCHEM FILE ID1 0015269

NAME OF SAMPLE SOURCE... LIGHTFOOT HOT SPRINGS

WELL/SPRING NUMBER..... 03N-013E-07-DCA15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES U3N 013E 07 S4 OF SE
 STATE..... IDAHU MEWID1 NUISE
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE... 19

LAT/LONG... 43-36.27 N 114-57.00 E
 UTM ZONE... 11
 NORTHING... 4829601
 EASTING... 665454

MSP REFERENCE..... BOARDMAN CREEK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/14 MITCHELL, JOHN

TEMPERATURE (C)..... 55

DISCHARGE..... 30 L/MIN

WATER ANALYSIS

P..... 10.7 AT(C) 25.
 SPECTRIC CONDUCTANCE..... 400
 ALKALINITY..... 117 AS CAC03
 TOTAL DISSOLVED SOLIDS... 282
 CHARGE BALANCE (4 DIFF).... 7.3

ANALYSIS IN MG/L

ISOTOPES 10/001

AG..... CO3..... 16. LI... 0.2
 AL..... CU..... 40... N
 AS..... 0.004
 AU..... CU..... 40... 5102. 12.
 BA..... 0.110 F..... 13. VA... 02. 504... 20.
 BR..... FE+3..... NA+K... 0.12
 CA..... 1.7 MC03..... 110. NMB...
 CD..... 16. M2S..... 0.01
 CE..... 2.7

REFERENCE AND IDENTIFICATION

SAMPLED BY..... LEE, LINNA
 COMPILED AFFILIATION... IDAHU DEPT. WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00203

GEOCHEM. SAMPLE FILE

GEOCHEM FILE ID1 0025170

NAME OF SAMPLE SOURCE... DREIS HOT SPRING

WELL/SPRING NUMBER..... 03N-013E-19-DAC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 03N 014E 19 SW OF NE SE
 STATE..... IDAHO
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE.. 19
 WSP REFERENCE..... SYDNEY BUTTE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 41.
 DISCHARGE..... 70. L/MIN.
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 340.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... A. J. EGANET, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... RUSS, 1971

RECNO 00204

GEOTHERM FILE 101 0001411

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PUNKIN CONVEY AREA
 WELL/SPRING NUMBER..... 015-13E-27-CCH1

LOCATION

TOWN-SHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 01S 013E 27 W OF SW SW
 STATE..... IDAHO
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE.. 19
 WSP REFERENCE..... FAIRFIELD 1162500

LAT/LONG... 43-18.13 N 114-24.40 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1957/09/04
 TEMPERATURE (C)..... 35.
 WELL DEPTH (M)..... 50.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 415.
 ALKALITY..... 211. AS HCO3
 TOTAL DISSOLVED SOLIDS... 309.

CHARGE IMBALANCE (A DIFF.)... 1.6
 ANALYSIS IN PPM

ISOTOPES (0/001)

AD.....	CO2..... N	MO.....	SI02..	70.
AL.....	CR.....	MO.....	SO4..	4.7
AU.....	CU.....	NA.....		
H.....	F..... 9.0	NA.....		
HA.....	FE3.....	NA.....		
HF.....	FE(TOT) 0.03			
CA.....	HCO3.....	HCO3..		
CO.....	HPS.....	PON..		
CL.....				
CO.....				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEU, RANDY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... WALTON, 1962

RECNO 00205

GEOTHERM FILE 101 0000919

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PUNKIN CONVEY AREA

WELL/SPRING NUMBER..... 015-013E-27-CC01
 LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... FAIRFIELD 1162500

TOWNSHIP-RANGE

01S 013E 27 NW OF SW SW
 MERID: BOISE

COORDINATES

LAT/LONG... 43-18.13 N 114-54.40 W
 UTM ZONE... 411
 NORTHING... 4796203
 EASTING... 669793

DIMED LOCALITY INFORMATION: LOCATION APPROXIMATE.
 SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1972/06/20
 TEMPERATURE (C)..... 75.0
 WELL DEPTH (M)..... 58
 DISCHARGE..... 15 L/MIN.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 P..... 7.4
 SPECIFIC CONDUCTANCE..... 413
 ALKALINITY..... 177 AS CAC03
 TOTAL DISSOLVED SOLIDS... 308
 CHARGE IMBALANCE (S DIFF.)... 0.0

ANALYSIS

AG.... CO3.... N
 AL.... CH.... MG.... 0.1
 AR.... CO.... MU.... 5102. 70.
 HA.... F.... 11. NA.... 92.
 RA.... 3.2 FE+3.... 504.. 6.6
 CA.... 3.2 HCO3.... 216.
 CL.... 12. H2S.... PO4... 0.00
 CO.... K.... 1.3

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... PENNER, J.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00206

GEOTHEM FILE 101-0001026

IDENTIFY SAMPLE FILE

NAME OF SAMPLE SOURCE... SHEEP HOT SPRINGS

WELL/SPRING NUMBER..... 015-12E-16-CAB 15

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... HILL CITY 1124000

TOWNSHIP-RANGE

01S 012E 16 NW OF NE SW
 MERID: BOISE

COORDINATES

LAT/LONG... 43-20.03 N 115-02.34 W

DIMED LOCALITY INFORMATION: LOCATION APPROXIMATE.
 SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1973/10/31 MITCHELL, JOHN

PERMIT/LITMOLUNY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 P..... 9.4
 SPECIFIC CONDUCTANCE..... 208
 ALKALINITY..... 95 AS CAC03

TOTAL DISSOLVED SOLIDS... 61.
CHARGE IMBALANCE (8 DIFF.)... 3.6
ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3....	57.	MG...	N		
AL....	CH....		MO...		5102.	68.
AU....	CU....		NA...	49.	504...	7.7
B....	F....	2.6	NA...			
BR....	FE...		NH...	N		
HI....	GA....		NO3...	0.04		
CA....	HC03...		PO...	N		
CD....	H2S....					
CL....						
CO....	K....	0.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILED AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL, 1976C

RECORD 00207

GEOTHERM FILE 101 0025167

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SKILLERN HOT SPRING
WELL/SUPPLY NUMBER..... 66N-14E-29-0CC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 014E 29 SW OF SW SE
STATE..... IOWA
COUNTY..... CAMAS
GEOLOGIC PROVINCE... 19
MAP REFERENCE..... PARADISE PEAK 1124000

LAT/LONG... 43-38.82 N 114-48.94 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40.
REFERENCE AND IDENTIFICATION

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEKANETA, KIM M.
COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00208

GEOTHERM FILE 101 0061028

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SUN VALLEY RANCHES WELL
WELL/SUPPLY NUMBER..... 18E... N1S-13E-22-CCC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 01S 013E 22 SW OF SW SW
STATE..... IOWA
COUNTY..... CAMAS
GEOLOGIC PROVINCE... 19
MAP REFERENCE..... FAIRFIELD 1162500

LAT/LONG... 43-18.85 N 114-54.50 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 19.3/11/01 MITCHELL, JOHN
TEMPERATURE (C)..... 25.
FLUID DEPTH (M)..... 40.
DISCHARGE..... 40 L/MIN

SAMPLE DESCRIPTION AND CONDITIONS

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM

ANALYSIS

ANALYST..... U.S. BUREAU OF RECLAMATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976C

RECORD 00210

GEOTHERM FILE 101 0001548

GEOGRAPHIC SAMPLE FILE

NAME OF SAMPLE SOURCE... UNKNOWN WELL IN FAIRFIELD (1)
 WELL/SIPPING NUMBER..... 015-14E-09-DAAL

LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... CAMAS
 MAP REFERENCE..... FAIRFIELD 1162500

COORDINATES

LAT/LONG... 43-20.9 N 114-47.5 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/09
 TEMP AT TIME (C)..... 21.6
 FLU DEPTH (M)..... 232

WATER ANALYSIS

P..... 8.0
 SPECIFIC CONDUCTANCE..... 172
 ALKALINITY..... 98 AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 163

CHARGE IMBALANCE IN DIFF..... 5.8

ANALYSIS IN MUML

ISOTOPES 10/001

AG....	CO3....	N....	3.1
AL....	CR....	40....	1.1
AS....	CS....	41....	0.31
AU....	CU....	42....	0.3
BA....	FE....	43....	0.3
BB....	FE(II)....	44....	0.3
BC....	FE(III)....	45....	0.3
BD....	HC03....	46....	0.3
BE....	HC03....	47....	0.3
BF....	HC03....	48....	0.3
CG....	HC03....	49....	0.3
CH....	HC03....	50....	0.3
CI....	HC03....	51....	0.3
CJ....	HC03....	52....	0.3
CK....	HC03....	53....	0.3
CL....	HC03....	54....	0.3
CM....	HC03....	55....	0.3
CN....	HC03....	56....	0.3
CO....	HC03....	57....	0.3
CP....	HC03....	58....	0.3
CQ....	HC03....	59....	0.3
CR....	HC03....	60....	0.3
CS....	HC03....	61....	0.3
CT....	HC03....	62....	0.3
CU....	HC03....	63....	0.3
CV....	HC03....	64....	0.3
CW....	HC03....	65....	0.3
CX....	HC03....	66....	0.3
CY....	HC03....	67....	0.3
CZ....	HC03....	68....	0.3
DA....	HC03....	69....	0.3
DB....	HC03....	70....	0.3
DC....	HC03....	71....	0.3
DD....	HC03....	72....	0.3
DE....	HC03....	73....	0.3
DF....	HC03....	74....	0.3
DG....	HC03....	75....	0.3
DH....	HC03....	76....	0.3
DI....	HC03....	77....	0.3
DJ....	HC03....	78....	0.3
DK....	HC03....	79....	0.3
DL....	HC03....	80....	0.3
DM....	HC03....	81....	0.3
DN....	HC03....	82....	0.3
DO....	HC03....	83....	0.3
DP....	HC03....	84....	0.3
DQ....	HC03....	85....	0.3
DR....	HC03....	86....	0.3
DS....	HC03....	87....	0.3
DT....	HC03....	88....	0.3
DU....	HC03....	89....	0.3
DV....	HC03....	90....	0.3
DW....	HC03....	91....	0.3
DX....	HC03....	92....	0.3
DY....	HC03....	93....	0.3
DZ....	HC03....	94....	0.3
EA....	HC03....	95....	0.3
EB....	HC03....	96....	0.3
EC....	HC03....	97....	0.3
ED....	HC03....	98....	0.3
EE....	HC03....	99....	0.3
EF....	HC03....	100....	0.3

QUALIFICATION FIELD..... 403 INCLUDES 402

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY
 COMPILER AFFILIATION... I.S.G.S.
 REFERENCE..... YOUNG AND OTHERS, 1978

RECORD 00211

GEOTHERM FILE 101 0001547

GEOGRAPHIC SAMPLE FILE

NAME OF SAMPLE SOURCE... UNKNOWN WELL SE OF PUNKIN CORNER (1)
 WELL/SIPPING NUMBER..... 015-13E-27-DAAL

LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... CAMAS
 MAP REFERENCE..... FAIRFIELD 1162500

COORDINATES

LAT/LONG... 43-18.3 N 114-53.5 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/09

TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 111.
 WATER ANALYSIS
 pH..... 8.5
 SPECIFIC CONDUCTANCE..... 301.
 ALKALINITY..... 160. AS CAC03
 TOTAL DISSOLVED SOLIDS... 232.
 CHARGE IMBALANCE (A DIFF).... 10.1
 ANALYSIS IN MG/L

ISOTOPES 10/001

AG.....	CO3.....	N	46.....	N		
AL.....	CR.....		48.....	u.23		
AS.....	CS.....		40.....		5102.	52.
AM.....	CU.....		4A.....	60.		
AR.....	FE.....	1.8	NA.....		504..	2.3
HA.....	FE+3.....		NA+K..			
HE.....	FE(TOT)...	0.36				
CA.....	MC03.....	190.	NO3..	0.06		
CD.....	M25.....		PU4..	1.0		
CL.....						
CO.....						

QUALIFICATION FIELD..... NO3 INCLUDES NO2
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY
 COMPUTER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND OTHERS, 1978

RECORD 00212

GENTLEMAN SAMPLE FILE

GENTLEMAN FILE 101 0001599

NAME OF SAMPLE SOURCE... UNNAMED WELL SW OF FAIRFIELD (11)

WELL/SPRING NUMBER..... NIS-14E-14-00A1

LOCATION

IDWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES VIS D14E 19 VE OF VE SE
 STATE..... IDAHO MENUS HOUSE
 COUNTY..... CAMAS
 MAP REFERENCE..... FAIRFIELD 1162500

LAT/LONG... 43-19.2 N 114-49.9 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/09

TEMPERATURE (C)..... 21.5

WELL DEPTH (M)..... 95

WATER ANALYSIS

pH..... 7.5
 SPECIFIC CONDUCTANCE..... 157.
 ALKALINITY..... 160. AS CAC03
 TOTAL DISSOLVED SOLIDS... 187.
 CHARGE IMBALANCE (A DIFF).... 60.6
 ANALYSIS IN MG/L

ISOTOPES 10/001

AG.....	CO3.....	N	40.....	3.0		
AL.....	CR.....		48.....	0.06		
AS.....	CS.....		40.....		5102.	36.
AM.....	CU.....		4A.....	18.		
AR.....	FE.....	0.5	NA.....		504..	0.6
HA.....	FE+3.....		NA+K..			
HE.....	FE(TOT)...	0.1				
CA.....	MC03.....	170.	NO3..	0.13		

CD.... H2S.... PO4... 0.36
 CL.... 5.4
 CO.... K..... 5.3
 QUALIFICATION FIELD.... NOT INCLUDES NO2
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LICH. RANDY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND OTHERS, 1978

RECORD 00213

GEOTHERM FILE 101 0001127

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HANDUP HOT SPRING
 WELL/SPRING NUMBER... 01N-013E-32-AB013
 WATERS NUMBER... 137

LOCATION
 COUNTY..... UNITED STATES IOWA-SHIP-RANGE
 STATE..... IOWA IOWA 013E 32 NW OF NW VE
 COUNTY..... CAMAS MEAD: HOUSE
 ZIP REFERENCE..... FAIRFIELD 1162500

COORDINATES
 LAT/LONG... 43-22.99 N 114-55.91 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION... 1972/06/20 YOUNG, BILL AND MITCHELL, JOHN
 TEMPERATURE (C)... 66
 DISCHARGE... 719 L/MIN

PERCENT LITHOLOGY... QUATERNARY ALLUVIUM NEAR PLEISTOCENE BASALT AND CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY
 P... 8.0
 SPECIFIC CONDUCTANCE... 252
 ALKALITY... 103 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 215
 CHANGE: BALANCE IN DIFF... 7.1

ISOTOPES 10/001

ANALYSIS IN MWL
 AN... CO3... 37.
 AL... CO... 40... N
 AU... CU... 40...
 RA... P... 4.1
 CA... FE... 54...
 CO... HCO3... 51...
 H2S... PO4... 0.07
 CO... H2S... 0.03

REFERENCE AND IDENTIFICATION

COMPILED BY... DENHAM, GEORGE D.
 COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE... YOUNG AND MITCHELL, 1978

RECORD 00214

GEOTHERM FILE 101 0001028

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WOLF HOT SPRINGS
 WELL/SPRING NUMBER... 01S-12E-14-CA 15

LOCATION
 COUNTY..... UNITED STATES IOWA-SHIP-RANGE
 STATE..... IOWA IOWA 01S 12E 14 VE OF NW SW
 COUNTY..... CAMAS MEAD: HOUSE

COORDINATES
 LAT/LONG... 43-20.03 N 115-02.37 W

GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... HILL CITY 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/10/31 MITCHELL, JOHN
 TEMPERATURE (C)..... 45.

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM

ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION

PH..... 9.9

SPECIFIC CONDUCTANCE..... 206.

ALKALINITY..... 60. AS CaCO3

TOTAL DISSOLVED SOLIDS... 184.

CHARGE IMBALANCE (A DIFF.)... 1.8

ANALYSIS IN MG/L

AG.... CO3.... 51.

AL.... CH....

AN.... CU....

AR.... H.... 1.9

AS.... FE+3....

AT.... BA....

CA.... 0.8 HCO3.... 5.0

CH.... H2S....

CI.... 3.2

CO.... K.... 0.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL, 1976

ISOTOPES (0/001)

MG... N

MO... N

NA... 49.

VA... 504.. 8.2

VA... 504.. 8.2

NA... N

NA... 0.00

PO... N

RECORD 00215

GEOCHEM FILE 101 0001023

GEOCHEM - SAMPLE FILE

NAME OF SAMPLE SOURCE... MURKIN HOT SPRINGS

WELL/SPRING NUMBER..... 03N-14E-28 CAA 15

WELLING NUMBER..... 136

LOCATION

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CAMAS

MAP REFERENCE..... SYDNEY BUTTE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/07/10 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 41.

TOTAL DISSOLVED SOLIDS... 176. L/MIN

PERCENT LITHOLOGY..... CRETACEOUS GRANITIC ROCKS.

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.3

SPECIFIC CONDUCTANCE..... 320.

ALKALINITY..... 80. AS CaCO3

TOTAL DISSOLVED SOLIDS... 277.

CHARGE IMBALANCE (A DIFF.)... 1.8

ANALYSIS IN MG/L

AG.... CO3.... 28.

AL.... CH....

AN....

AR....

AS....

AT....

CA....

CH....

CI....

CO....

CR....

ISOTOPES (0/001)

MG... N

RU....	CU....	MO....	SI02..	90.
RA....	FE....	NA....	SO4...	35.
RA....	FE+3....	NAK...		
CA....	1.0	NO3...	0.07	
CD....	125....	PO4...	0.02	
CL....	5.0			
CO....	R....			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILED AFFILIATION... IOAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00216

GEUTHEM FILE 101 0015200

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... CALDWELL CITY WELL
 WELL/SPRING NUMBER..... R6N-003W-35-ABC1
 LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... CANYON
 GEOLOGIC PROVINCE...
 MAP REFERENCE..... NOTUS 1324000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE.

COORDINATES

LAT/LONG... 43-38.46 N 116-39.24 W
 UTM ZONE... 18
 NORTHING... 4614030
 EASTING... 527400

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION... 1977/10/05 GRAMM. D.
 POINT OF COLLECTION... WELL DISCHARGE PIPE
 TEMPERATURE (C)... 20
 WELL DEPTH (M)... 131
 FLOW RATE (L/MIN)... 7020
 WATER TREATMENT... 7 BOTTLE SAMPLE 3 FA FU FD RU RC

WATER ANALYSIS

PH..... 7.6 AT(CI) 25.
 SPECIFIC CONDUCTANCE..... 250.
 ALKALITY..... 115. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 176
 CHARGE BALANCE IN DIFF. 0.5

ANALYSIS IN MU/L

AG....	CO3....	MO....	SI02..	29.
AL....	Ca....	NA....	SO4...	11.
AS....	0.004	NO3...	0.3	
AU....	Cl....	PO4...	0.00	
H....	0.05			
HA....	0.0			
HE....	1.0			
CA....	1.0			
CL....	6.4			
CO....	1.0			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILED AFFILIATION... IOWA DEPT. WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00217

GEOTHERM FILE 101 0081056

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CALDWELL CITY WELL

WELL/SPRING NUMBER... 04N-03W-35-AAB 1

LOCATION

COUNTY... UNITED STATES 04N 003W 35 SE OF NW NE

STATE... IDAHO MERIDIAN HOUSE

COUNTY... CANYON

WAD REFERENCE... CALDWELL 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1977/12/05 MITCHELL, JOHN C.

TEMPERATURE (C)... 20.

WELL DEPTH (M)... 131.

DISCHARGE... 3020. L/MIN

BEST/ENT LITHOLOGY... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

P... 7.6

SPECIFIC CONDUCTANCE... 250.

ALKALINITY... 115. AS CaCO3

TOTAL DISSOLVED SOLIDS... 176.

CHARGE BALANCE IN DIFF... 0.7

ANALYSIS IN MUGL

AG...	CO3...	W			
AL...	CH...		MG...	1.0	
AU...	CU...		MO...		5132. 29.
BA...	F...	0.8	NA...	37.	
BR...	FE...		NAK...		504.. 11.
CA...	HC03...	140.	NO3...	4.3	
CD...	H2S...		PO4...	0.04	
CL...		0.4			
CO...					
				1.6	

ISOLOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.

COMPITER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980.

RECORD 00218

GEOTHERM FILE 101 0015263

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CALDWELL MUN. PARK WELL

WELL/SPRING NUMBER... 04N-03W-28-AAB 1

LOCATION

COUNTY... UNITED STATES 04N 003W 28 NE OF NE

STATE... IDAHO MERIDIAN HOUSE

COUNTY... CANYON

WAD REFERENCE... CALDWELL 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1977/12/05 MITCHELL, JOHN C.

DATE OF COLLECTION... WELL DISCHARGE PIPE

TEMPERATURE (C)... 20.

WELL DEPTH (M)... 167.

DISCHARGE..... 568. L/MIN
WATER TREATMENT..... 7 BOTTLE SAMPLE JFA FU FD RU MC
WATER ANALYSIS

P..... 7.7 AT(C) 25.
SPECIFIC CONDUCTANCE..... 280.
ALKALINITY..... 131. AS CAC03
TOTAL DISSOLVED SOLIDS... 203.
CHARGE IMBALANCE (A DIFF.)... 0.3

ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3....	N	LI....	0.02		
AL....	CH....		MG....	0.1		
AS.... 0.002	CU....		NO....	512.	49.	
AU....	F....	1.5	NA....	53.		
R.... 0.09	FE+3....		NA+K...	504..	2.6	
RA....	MO3....	160.	NO3..	0.04		
CA.... 11.	MG....	N	P34..	0.04		
CA+MG.	MS....					
CO....	R....	2.0				
CL.... 5.4						

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
COMPILED AFFILIATION... IDAHO DEPT. WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00219

GEOCHEM FILE 101 0001052

GEOCHEM SAMPLE INFO

NAME OF SAMPLE SOURCE... CANNON FARM WELL #2

WELL SPRING NUMBER... DCN-UJM-72-BCD1

LOCATION

LONGITUDE-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 03W 22 SE OF SW 40

LAT/LONG... 43-29.73 N 116-41.23 W

STATE..... IDAHO

MENJOI HOUSE

COUNTY..... CANYON

MAP REFERENCE..... GIVENS HOT SPRINGS 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1984/05/06 SWANSON

TEMPERATURE (C)..... 70.

WELL DEPTH (M)..... 196.

DISCHARGE..... 568. L/MIN

PERMIT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.2

SPECIFIC CONDUCTANCE..... 280.

TOTAL DISSOLVED SOLIDS... 203.

CHARGE IMBALANCE (A DIFF.)... 0.3

ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3....	N	LI....	11.		
AL....	CH....		MG....	512.	59.	
AS.... 0.28	CU....		NO....	53.		
AU....	F....	0.6	NA....	504..	62.	
R....	FE+3....		NA+K...			
RA....	MO3....	242.				
CA....	MG....					
CA+MG.	MS....					
CO....	R....	8.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILED AFFILIATION... IDAMO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00220

GEOGRAPHIC SAMPLE FILE

GEOGRAPHIC FILE 101 0025172

NAME OF SAMPLE SOURCE... CANNON FARMS WELL #1

WELL/SPRING NUMBER..... 02N-03W-22-ACD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 003W 22 SE OF SW NE

LAT/LONG... 43-29.74 N 116-40.69 W

STATE..... IDAMO

COUNTY..... CANYON

MAP REFERENCE..... LAKE LOWELL 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDECAVETA, KIM M.

COMPILED AFFILIATION... IDAMO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00221

GEOGRAPHIC SAMPLE FILE

GEOGRAPHIC FILE 101 0025173

NAME OF SAMPLE SOURCE... CANNON FARMS WELL #2

WELL/SPRING NUMBER..... 02N-03W-22-BCD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 003W 22 SE OF SW NE

LAT/LONG... 43-29.73 N 116-41.23 W

STATE..... IDAMO

COUNTY..... CANYON

MAP REFERENCE..... LAKE LOWELL 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 31.

WELL DEPTH (M)..... 185.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDECAVETA, KIM M.

COMPILED AFFILIATION... IDAMO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00222

GEOGRAPHIC SAMPLE FILE

GEOGRAPHIC FILE 101 0025174

NAME OF SAMPLE SOURCE... CANNON FARMS WELL #3

WELL/SPRING NUMBER..... 02N-03W-22-CCD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 003W 22 SE OF SW SW

LAT/LONG... 43-29.30 N 116-41.22 W

STATE..... IDAMO

COUNTY..... CANYON

MAP REFERENCE..... LAKE LOWELL 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.

WELL DEPTH (M)..... 223.

WELL DEPTH (M)..... 7570. 1.7 IN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDECAVETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

NECONO 00223

GEOTHERM FILE 101 0025175

GEOTHERM SAMPLE LINE

NAME OF SAMPLE SOURCE... CANYON FARMS WELL #4

WELL/SPRING NUMBER... 02N-03W-22-UCC

LOCATION

IDW-SHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 003W 22 SW OF SW SE

LAT/LONG... 43-29.32 N 116-40.05 W

STATE..... IDAHO

COUNTY..... CANYON

MSP REFERENCE... LAKE LOWELL 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

NECONO 00224

GEOTHERM FILE 101 0001056

GEOTHERM SAMPLE LINE

NAME OF SAMPLE SOURCE... CANYON FARMS WELL #5

WELL/SPRING NUMBER... 02N-03W-22-UCC1

LOCATION

IDW-SHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 003W 22 SW OF SE SE

LAT/LONG... 43-29.30 N 116-40.61 W

STATE..... IDAHO

COUNTY..... CANYON

GEOL. PROVINCE... 17

MSP REFERENCE... GIVENS HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1973/08/27 SARNSON

TEMPERATURE (C)..... 27

ELI DEPTH (M)..... 184

PERCENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.9

SPECIFIC CONDUCTANCE..... 513

ALKALINITY..... 150 AS CaCO3

TOTAL DISSOLVED SOLIDS... 298

ANALYSIS IN MG/L

ISOTOPES IN PER MIL

AG...	CO3...	NO...	110		
AL...	CR...	NO...	5102	50	
AU...	CU...	NO...	55	504	80
BA...	FE...	NA...			
BR...	FE...	NA...			
CA...	MG...	NA...			
CD...	MG...	NA...			

REFERENCE AND IDENTIFICATION

COMPILED BY..... MENHAM, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00225

GEOTHERM FILE 101 0025170

0025170 SAMPLE FILE

NAME OF SAMPLE SOURCE... CANNON FARMS WELL #6

WELL SPRING NUMBER... 02N-03W-23-ACD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 02N 003W 23 SE OF SW NE

LAT/LONG... 43-29.81 N 110-39.45 W

STATE... IDAHO

COUNTY... CANYON

GEOL. JC PROVINCE... 17

MAP REFERENCE... LAKE LOWELL 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (F)... 79

FLU. DEPTH (FT)... 136

ANALYSIS AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1990

RECORD 00226

GEOTHERM FILE 101 0025177

0025177 SAMPLE FILE

NAME OF SAMPLE SOURCE... CANNON FARMS WELL #7

WELL SPRING NUMBER... 02N-03W-23-CUC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 02N 003W 23 SW OF SE SW

LAT/LONG... 43-29.30 N 110-39.96 W

STATE... IDAHO

COUNTY... CANYON

GEOL. JC PROVINCE... 17

MAP REFERENCE... LAKE LOWELL 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (F)... 70

FLU. DEPTH (FT)... 116

DISCHARGE... 1016 L/MIN

ANALYSIS AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... SAVAGE, 1958

RECORD 00227

GEOTHERM FILE 101 0025178

0025178 SAMPLE FILE

NAME OF SAMPLE SOURCE... CANNON FARMS WELL #8

WELL SPRING NUMBER... 02N-03W-26-AAC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 02N 003W 26 SW OF NE NE

LAT/LONG... 43-29.34 N 110-39.44 W

STATE... IDAHO

COUNTY... CANYON

GEOL. JC PROVINCE... 17

MAP REFERENCE... GIVENS HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (F)... 78

ANALYSIS AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1990

RECUMD 00220

GEOTHERM FILE 101 0025179

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CANNON FARMS WELL #9
WELL SPRING NUMBER... 02N-03N-27-BDA

LOCATION

COUNTRY... UNITED STATES IDAHO-SHIP-RANGE 02N 003N 27 NE OF NW 40

COORDINATES

LAT/LONG... 43-29.24 N 110-41.20 W

STATE... IDAHO

COUNTY... CANYON

SECTION... 17

WSP REFERENCE... GIVENS HOT SPRINGS 112-000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 70

WELL DEPTH (M)... 170

REFERENCE AND IDENTIFICATION

CAMPBELL BY... RIDGEMAN, KIM M.

CAMPBELL AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECUMD 00220

GEOTHERM FILE 101 0025197

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHARLES DENTERS WELL
WELL SPRING NUMBER... 02N-03N-35-COR

LOCATION

COUNTRY... UNITED STATES IDAHO-SHIP-RANGE 02N 003N 35 NE OF NW 50

COORDINATES

LAT/LONG... 43-29.94 N 110-39.75 W

STATE... IDAHO

COUNTY... CANYON

SECTION... 17

WSP REFERENCE... GIVENS HOT SPRINGS 112-000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 74

WELL DEPTH (M)... 167

REFERENCE AND IDENTIFICATION

CAMPBELL BY... RIDGEMAN, KIM M.

CAMPBELL AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECUMD 00230

GEOTHERM FILE 101 0025200

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FLEO SHAVE WELL
WELL SPRING NUMBER... 015-02N-17-ACA

LOCATION

COUNTRY... UNITED STATES IDAHO-SHIP-RANGE 015 002N 17 NE OF SW 40

COORDINATES

LAT/LONG... 43-20.48 N 110-35.74 W

STATE... IDAHO

COUNTY... CANYON

WSP REFERENCE... WALTERS BUTTE 112-000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 77

REFERENCE AND IDENTIFICATION

CAMPBELL BY... RIDGEMAN, KIM M.

CAMPBELL AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00231

GEOTHERM FILE 101 0025185

GEOTHERM SAMPLE FILE

NAME & SAMPLE SOURCE... DALE GROSS WELL

WELL/SPRING NUMBER... 02N-02W-36-00A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 02N 02W 36 NE OF NE SE

LAT/LONG... 43-27.97 N 116-38.22 W

STATE... IDAHO

COUNTY... CANYON

GEOL. PROVINCE... 17

WELL DEPTH... 122-000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (F)... 99

WELL DEPTH (F)... 122

WELL DEPTH (F)... 122

REFERENCE AND IDENTIFICATION

COMPILED BY... HIDEWATER, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00232

GEOTHERM FILE 101 0025189

GEOTHERM SAMPLE FILE

NAME & SAMPLE SOURCE... PRESENT SHIP TANKS WELL

WELL/SPRING NUMBER... 02N-02W-36-00A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 02N 02W 36 NE OF NE SE

LAT/LONG... 43-27.98 N 116-40.70 W

STATE... IDAHO

COUNTY... CANYON

GEOL. PROVINCE... 17

WELL DEPTH... 122-000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (F)... 99

WELL DEPTH (F)... 122

REFERENCE AND IDENTIFICATION

COMPILED BY... HIDEWATER, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00233

GEOTHERM FILE 101 0015261

GEOTHERM SAMPLE FILE

NAME & SAMPLE SOURCE... DON TIGGS WELL NO. 2

WELL/SPRING NUMBER... 01N-02W-08-ACCI

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 01N 02W 08 SE OF NE

LAT/LONG... 43-29.25 N 116-36.00 W

STATE... IDAHO

COUNTY... CANYON

GEOL. PROVINCE... 17

WELL DEPTH... 122-000

SAMPLE DESCRIPTION AND CONDITIONS

WATER COLLECTION... 1477/1870N MITCHELL, JOHN

WELL DEPTH COLLECTION... PUMP DISCHARGE PIPE

TEMPERATURE (F)... 71.5

WELL DEPTH (F)... 302N, 1470N

WATER TREATMENT..... 7 BOTTLE SAMPLE 3 FA FU FD RD RC
WATER ANALYSIS

P-1..... 7.5 ATIC1 25.
SPECIFIC CONDUCTANCE..... 610.
ALKALINITY..... 90. AS CAC03
TOTAL DISSOLVED SOLIDS... 407.
CHANGE IN BALANCE (A DIFF.)... 5.2

ANALYSIS IN MG/L

AG...	CO3...	CL...	SO4...	SI02...	35...
AL...	CR...	NO...			
AS...	0.017				
AU...					
AV...	0.07	0.2			
BA...	FE...			504...	130...
BI...	0.003				
BJ...	0.003				
BK...	0.003				
BL...	0.003				
BM...	0.003				
BN...	0.003				
BO...	0.003				
BP...	0.003				
BQ...	0.003				
BR...	0.003				
BS...	0.003				
BT...	0.003				
BU...	0.003				
BV...	0.003				
BW...	0.003				
BX...	0.003				
BY...	0.003				
BZ...	0.003				
CA...	0.003				
CB...	0.003				
CC...	0.003				
CD...	0.003				
CE...	0.003				
CF...	0.003				
CG...	0.003				
CH...	0.003				
CI...	0.003				
CJ...	0.003				
CK...	0.003				
CL...	0.003				
CM...	0.003				
CN...	0.003				
CO...	0.003				
CP...	0.003				
CQ...	0.003				
CR...	0.003				
CS...	0.003				
CT...	0.003				
CU...	0.003				
CV...	0.003				
CW...	0.003				
CX...	0.003				
CY...	0.003				
CZ...	0.003				
DA...	0.003				
DB...	0.003				
DC...	0.003				
DD...	0.003				
DE...	0.003				
DF...	0.003				
DG...	0.003				
DH...	0.003				
DI...	0.003				
DJ...	0.003				
DK...	0.003				
DL...	0.003				
DM...	0.003				
DN...	0.003				
DO...	0.003				
DP...	0.003				
DQ...	0.003				
DR...	0.003				
DS...	0.003				
DT...	0.003				
DU...	0.003				
DV...	0.003				
DW...	0.003				
DX...	0.003				
DY...	0.003				
DZ...	0.003				
EA...	0.003				
EB...	0.003				
EC...	0.003				
ED...	0.003				
EE...	0.003				
EF...	0.003				
EG...	0.003				
EH...	0.003				
EI...	0.003				
EJ...	0.003				
EK...	0.003				
EL...	0.003				
EM...	0.003				
EN...	0.003				
EO...	0.003				
EP...	0.003				
EQ...	0.003				
ER...	0.003				
ES...	0.003				
ET...	0.003				
EU...	0.003				
EV...	0.003				
EW...	0.003				
EX...	0.003				
EY...	0.003				
EZ...	0.003				
FA...	0.003				
FB...	0.003				
FC...	0.003				
FD...	0.003				
FE...	0.003				
FF...	0.003				
FG...	0.003				
FH...	0.003				
FI...	0.003				
FJ...	0.003				
FK...	0.003				
FL...	0.003				
FM...	0.003				
FN...	0.003				
FO...	0.003				
FP...	0.003				
FQ...	0.003				
FR...	0.003				
FS...	0.003				
FT...	0.003				
FU...	0.003				
FV...	0.003				
FW...	0.003				
FX...	0.003				
FY...	0.003				
FZ...	0.003				
GA...	0.003				
GB...	0.003				
GC...	0.003				
GD...	0.003				
GE...	0.003				
GF...	0.003				
GG...	0.003				
GH...	0.003				
GI...	0.003				
GJ...	0.003				
GK...	0.003				
GL...	0.003				
GM...	0.003				
GN...	0.003				
GO...	0.003				
GP...	0.003				
GQ...	0.003				
GR...	0.003				
GS...	0.003				
GT...	0.003				
GU...	0.003				
GV...	0.003				
GW...	0.003				
GX...	0.003				
GY...	0.003				
GZ...	0.003				
HA...	0.003				
HB...	0.003				
HC...	0.003				
HD...	0.003				
HE...	0.003				
HF...	0.003				
HG...	0.003				
HH...	0.003				
HI...	0.003				
HJ...	0.003				
HK...	0.003				
HL...	0.003				
HM...	0.003				
HN...	0.003				
HO...	0.003				
HP...	0.003				
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HR...	0.003				
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HT...	0.003				
HU...	0.003				
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HW...	0.003				
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HY...	0.003				
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IA...	0.003				
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IX...	0.003				
IY...	0.003				
IZ...	0.003				
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JB...	0.003				
JC...	0.003				
JD...	0.003				
JE...	0.003				
JF...	0.003				
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JI...	0.003				
JJ...	0.003				
JK...	0.003				
JL...	0.003				
JM...	0.003				
JN...	0.003				
JO...	0.003				
JP...	0.003				
JK...	0.003				
JL...	0.003				
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JN...	0.003				
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JK...	0.003				
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JK...	0.003				
JL...	0.003				
JM...	0.003				
JN...	0.003				
JO...	0.003				
JP...	0.003				
JK...	0.003				
JL...	0.003				
JM...	0.003				
JN...	0.003				
JO...	0.003				
JP...	0.003				
JK...	0.003				
JL...	0.003				
JM...	0.003				
JN...	0.003				
JO...	0.003				
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JM...	0.003				
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JO...	0.003				
JP...	0.003				
JK...	0.003				
JL...	0.003				
JM...	0.003				
JN...	0.003				
JO...	0.003		</		

CA.... 3.5 MC03.... 279. NO3... 0.13
 CD.... H2S..... PO4... 0.06
 Cl.... 11. R..... 0.8
 CO.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00235

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0025206

NAME OF SAMPLE SOURCE... GEORGE WRIGHT WELL
 WELL/SPRING NUMBER..... 04N-04W-04-UCC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 004W 04 S4 OF SW SE
 STATE..... IDAHO
 COUNTY..... CANYON
 MAP REFERENCE..... NOTUS 1124000

LAT/LONG... 43-42.35 N 116-49.25 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 128.
 DISCHARGE..... 63. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980.

RECORD 00236

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0001226

NAME OF SAMPLE SOURCE... GIVENS HOT SPRINGS
 WELL/SPRING NUMBER..... 01N-02A-16-CC15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 002W 16 S4 OF S4
 STATE..... IDAHO MERTON HOTSE
 COUNTY..... CANYON
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... GIVENS HOT SPRINGS 1124000

LAT/LONG... 43-24.96 N 116-42.4 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/05/28
 TEMPERATURE (C)..... 69.9

WATER ANALYSIS

D..... 9.2
 SPECIFIC CONDUCTANCE..... 542.
 ALKALINITY..... 150. AS MC03
 TOTAL DISSOLVED SOLIDS... 379.
 CATION BALANCE (3 DIFF.)... 3.0

ANION ANALYSIS

CO3..... 35.
 CH.....
 CU.....
 F..... 14.
 FE+3.....
 FE(TOT)..... N
 MC03..... 150.
 NO3... 0.2

MU... N

MO... N

NA... 129.

NA+K... 504.. 31.

S102. 79.

S04.. 31.

ISOTOPES 10/001

CI.... 23. K..... 1.4
 CO.....
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LIEB, RANDY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... STEVENS, 1962

RECORD 00237

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0025201

NAME OF SAMPLE SOURCE... GORDON TIEGS WELL
 WELL/SPRING NUMBER..... 01N-024-04-DBA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES U1N 002W 04 NE OF NW SE
 STATE..... IDAHO
 COUNTY..... CANYON
 MAP REFERENCE..... MELBA 1:24000

LAT/LONG... 43-45.12 N 116-57.76 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 208.
 DISCHARGE..... 4163. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00238

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081042

NAME OF SAMPLE SOURCE... M. NAITO WELL
 WELL/SPRING NUMBER..... 01N-024-03-C8H1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES U1V 002W 03 NW OF NW SW
 STATE..... IDAHO
 COUNTY..... CANYON
 MAP REFERENCE..... MELBA 1:24000

LAT/LONG... 43-27.12 N 116-34.19 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/ANALYST..... 1954/05/10 S-4V50V
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 117.

PENTILENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P4..... 4.2

SPECIFIC CONDUCTANCE..... 258.

ALKALITY..... 93.

TOTAL DISSOLVED SOLIDS... 174.

CATION DIFFERENCE IS DIFF. 1... 2.1

ANALYSIS IS ANAL.

AL.....

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CA..... 1M.

CI..... 9.9

CO.....

AS CaCO3

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ISOTOPES 10/2001

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REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00239

GEOGRAPHIC SAMPLE FILE

GEOTHERM FILE 101 0025187

NAME OF SAMPLE SOURCE... IDAHO STATE SCHOOL HOSP. WELL
 WELL/SPRING NUMBER..... 03N-01W-14-ADA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 03N 001W 14 NE OF SE NE
 STATE..... IDAHO
 COUNTY..... CANYON
 MAP REFERENCE..... MERIDIAN 1124000

LAT/LONG... 43-36.02 N 116-31.97 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 170.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00240

GEOGRAPHIC SAMPLE FILE

GEOTHERM FILE 101 0025188

NAME OF SAMPLE SOURCE... J. SHERAL JOHNSTON WELL
 WELL/SPRING NUMBER..... 01N-02W-22-UAD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 01N 002W 22 SE OF NE SE
 STATE..... IDAHO
 COUNTY..... CANYON
 MAP REFERENCE..... MELHA 1124000

LAT/LONG... 43-24.38 N 116-33.29 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 144.
 DISTANCE..... 1703. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00241

GEOGRAPHIC SAMPLE FILE

GEOTHERM FILE 101 0025191

NAME OF SAMPLE SOURCE... JAY MEYER WELL #1
 WELL/SPRING NUMBER..... 02N-02W-34-CAU

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 002W 34 SE OF NE SW
 STATE..... IDAHO
 COUNTY..... CANYON
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... MELHA 1124000

LAT/LONG... 43-27.78 N 116-33.82 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.
 WELL DEPTH (M)..... 97.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00242

GEOTHERM FILE 101 0025192

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JAY NEIDER WELL #2

WELL/SPRING NUMBER... 02N-02W-34-CCB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 002W 34 W OF SW SW

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... MELBA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.

WELL DEPTH (M)..... 139.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00243

GEOTHERM FILE 101 0025193

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JAY NEIDER WELL #3

WELL/SPRING NUMBER... 02N-02W-34-CDC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 002W 34 SW OF SE SW

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... MELBA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.

WELL DEPTH (M)..... 91.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00244

GEOTHERM FILE 101 0025205

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHN TUCKER WELL

WELL/SPRING NUMBER... 02N-02W-09-HCA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 002W 09 NE OF SW NW

STATE..... IDAHO

COUNTY..... CANYON

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... MAPA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77.

WELL DEPTH (M)..... 144.

DISCHARGE..... 2664 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEKANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00242

GEOTHERM FILE 101 0025192

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JAY NEIDER WELL #2
 WELL/SPRING NUMBER..... 02N-02W-34-CCB

LOCATION

LOKSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 002W 34 W OF SW SW

LAT/LONG... 43-27.74 N 116-34.30 W

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... MELBA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 139.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEKANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00243

GEOTHERM FILE 101 0025193

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JAY NEIDER WELL #3
 WELL/SPRING NUMBER..... 02N-02W-34-CCB

LOCATION

LOKSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 002W 34 SW OF SE SW

LAT/LONG... 43-27.73 N 116-33.79 W

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... MELBA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 91.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEKANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00244

GEOTHERM FILE 101 0025205

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHN TUCKER WELL
 WELL/SPRING NUMBER..... 02N-02W-09-BCA

LOCATION

LOKSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 002W 09 VE OF SW W

LAT/LONG... 43-31.69 N 116-35.23 W

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... MELBA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 144.

WELL DEPTH (M)..... 2649.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... SAVAGE, 195H

RECORD 00245

GEOTHERM FILE ID: 0081050

OTHER SAMPLE FILE

NAME OF SAMPLE SOURCE... LEONARD TIEGS WELL
 WELL/SPRING NUMBER..... 01N-02W-05-AUD 1

LOCATION

SHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES VIN 002W 05 SE OF SE VE
 STATE..... IDAHO MERID: BUISE
 COUNTY..... CANYON

LAT/LONG... 43-27.14 N 116-35.65 W

MAP REFERENCE..... MELBA 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/04/27 SWANSON
 TEMPERATURE (C)..... 22.
 ELL DEPTH (M)..... 223.

PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.0

SPECIFIC CONDUCTANCE..... 483.

ALKALINITY..... 120.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 295.

CHARGE IMBALANCE (A DIFF.)... 3.8

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	M.....				
AL.....	CH.....	MG.....	7.8			
AI.....	CI.....	MG.....				
H.....	F.....	0.3				
HA.....	FE+3.....	VA+K.....	37.			
CA.....	45.	MC03.....	146.			
CL.....	30.					
CO.....						

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980.

RECORD 00246

GEOTHERM FILE ID: 0025202

OTHER SAMPLE FILE

NAME OF SAMPLE SOURCE... LEONARD TIEGS WELL #2

WELL/SPRING NUMBER..... 01N-02W-05-CBA

LOCATION

SHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES VIN 002W 05 VE OF VM SW
 STATE..... IDAHO
 COUNTY..... CANYON

LAT/LONG... 43-27.02 N 116-36.41 W

GEOLOGIC KNOWLEDGE..... 17

MAP REFERENCE..... MELBA 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.
 ELL DEPTH (M)..... 152.
 DISCHARGE..... 1496. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1986

RECORD 00247

GEOTHERM FILE 101 0025203

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LEONARD TIEGS WELL #3
WELL/SPRING NUMBER..... 01N-02W-06-ADD

LOCATION

COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CANYON
GEOLOGIC PROVINCE.. 17

TOWNSHIP-RANGE

01N 002W 06 SE OF SE NE

COORDINATES

LAT/LONG... 43-27.14 N 116-36.83 W

WPD REFERENCE..... MELBA 1124000

SAMPLE DESCRIPTION AND COMMENTS

TEMPERATURE (C)..... 26.

WELL DEPTH (M)..... 28.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1986

RECORD 00248

GEOTHERM FILE 101 0025181

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... M.O. CLEMENTS WELL #1
WELL/SPRING NUMBER..... 01N-03W-13-0AB

LOCATION

COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CANYON

TOWNSHIP-RANGE

01N 003W 13 NW OF NE SE

COORDINATES

LAT/LONG... 43-25.34 N 116-38.15 W

WPD REFERENCE..... GIVENS HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND COMMENTS

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 185.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... SAVAGE, 1958

RECORD 00249

GEOTHERM FILE 101 0025182

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... M.O. CLEMENTS WELL #2
WELL/SPRING NUMBER..... 01N-03W-13-0AB

LOCATION

COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CANYON

TOWNSHIP-RANGE

01N 003W 13 NW OF NE SE

COORDINATES

LAT/LONG... 43-25.34 N 116-34.40 W

WPD REFERENCE..... GIVENS HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND COMMENTS

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 185.

DISCHARGE..... 6132.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... SAVAGE 1958

RECORD 00250

GEOTHERM FILE ID: 0025186

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MARK MARKER WELL
 WELL/SPRING NUMBER..... 01N-02W-12-ACB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES VIN 002W 12 N OF SW NE

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... MELBA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 152.

DISCHARGE..... 8706. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00251

GEOTHERM FILE ID: 0081051

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MELBA CITY WELL
 WELL/SPRING NUMBER..... 01N-02W-36-CAA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES VIN 002W 36 NE OF NE SW

STATE..... IDAHO

COUNTY..... CANYON

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... MELBA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1977/10/06 MITCHELL, JOHN

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 183.

DISCHARGE..... 757. L/MIN

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 8.2

SPECIFIC CONDUCTANCE..... 420.

ALKALINITY..... 104. AS CaCO3

TOTAL DISSOLVED SOLIDS..... 290.

CHARGE IMBALANCE (A DIFF.)..... 0.6

ANALYSIS IN MG/L

ISOTOPES 10/001

AG.....	CO3.....	N.....			
AL.....	CR.....	NO.....	2.3		
AR.....	CU.....	NO.....	5102.	42.	
B.....	P.....	VA.....	88.		
BA.....	FE.....	VA.....	504.	34.	
CA..... 9.1	HC03.....	NO3.....	0.4		
CH.....	H2S.....	PO4.....	0.04		
CL..... 17.					

CO... K... 3.0
 REFERENCE AND IDENTIFICATION
 COMPILED BY... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00252

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... NAMPA CITY WELL #1
 WELL/SPRING NUMBER... 03N-02W-17-HCB

GEOTHERM FILE 101 0025189

LOCATION
 COUNTRY... UNITED STATES
 STATE... IDAHO
 COUNTY... CANYON
 GEOLOGIC PROVINCE... 17
 MSP REFERENCE... NAMPA 1124000

COORDINATES
 LAT/LONG... 43-36.01 N 116-36.69 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 25
 WELL DEPTH (M)... 198

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00253

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... NAMPA CITY WELL #2
 WELL/SPRING NUMBER... 03N-02W-23-HCA

GEOTHERM FILE 101 0025190

LOCATION
 COUNTRY... UNITED STATES
 STATE... IDAHO
 COUNTY... CANYON
 GEOLOGIC PROVINCE... 17
 MSP REFERENCE... NAMPA 1124000

COORDINATES
 LAT/LONG... 43-35.12 N 116-32.92 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 11
 WELL DEPTH (M)... 121
 DISCHARGE... 1492 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00254

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... NOT GIVEN
 WELL/SPRING NUMBER... 02N-02W-09-HCA

GEOTHERM FILE 101 0025171

LOCATION
 COUNTRY... UNITED STATES
 STATE... IDAHO
 COUNTY... CANYON
 MSP REFERENCE... NAMPA 1124000

COORDINATES
 LAT/LONG... 43-31.69 N 116-35.23 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 184.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00255

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0025194

NAME OF SAMPLE SOURCE... PARKA CITY WELL #1
 WELL/SPRING NUMBER..... 05N-05W-04-DCD

LOCATION

LONGSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES USN 005N 04 SE OF SW SE

LAT/LONG... 43-79.27 N 116-93.84 W

STATE..... IDAHO

COUNTY..... CANYON

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... PARKA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.

WELL DEPTH (M)..... 126.

DISCHARGE..... 2271. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1966

RECORD 00256

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0025195

NAME OF SAMPLE SOURCE... PARKA CITY WELL #2

WELL/SPRING NUMBER..... 05N-05W-04-CAB

LOCATION

LONGSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES USN 005N 09 W OF NE SW

LAT/LONG... 43-47.19 N 116-56.05 W

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... PARKA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 94.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1966

RECORD 00257

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0025196

NAME OF SAMPLE SOURCE... PARKA ICE

WELL/SPRING NUMBER..... 05N-05W-09-CAB

LOCATION

LONGSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES USN 005N 09 W OF NE SW

LAT/LONG... 43-47.06 N 116-56.73 W

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... PARKA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00258

GEOTHERM FILE 101 0025180

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DON CASIDY
 WELL/SPRING NUMBER..... 01N-02W-09-AAA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 01N 002W 09 NE OF NE NE

LAT/LONG... 43-26.66 N 116-34.48 W

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... MELBA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 175.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00259

GEOTHERM FILE 101 0025184

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RUSSELL FIVECULT WELL

WELL/SPRING NUMBER..... 04N-04W-05-D3D

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 004W 05 SE OF NW SE

LAT/LONG... 43-42.68 N 116-50.26 W

STATE..... IDAHO

COUNTY..... CANYON

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... NOTUS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 153.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00260

GEOTHERM FILE 101 0025199

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SIMPLOT FEED LOT WELL

WELL/SPRING NUMBER..... 04N-03W-19-ADC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 003W 19 SW OF SE NE

LAT/LONG... 43-40.24 N 116-44.16 W

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... CALDWELL 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40.

WELL DEPTH (M)..... 929.

REFERENCE..... STEVENS: 1962

RECORD 00263

GEOTHERM FILE 101 0001423

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL ENE OF MAP ROCK (1)

WELL/SPRING NUMBER..... 01N-UJM-12-HA1

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CANYON

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... GIVENS HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/08/27

TEMPERATURE (C)..... 72.2

WELL DEPTH (M)..... 386.

WATER ANALYSIS

P..... 6.6

SPECIFIC CONDUCTANCE..... 554.

ALKALINITY..... 304.

TOTAL DISSOLVED SOLIDS... 355.

CHANGE IMBALANCE (A DIFF.)... 2.5

ANALYSIS IN PPM

AG..... CO3..... 13.

AL..... CR.....

H..... F.....

HA..... FE+3.....

CA..... HCO3..... 308.

CL.....

CO..... K..... 14.

CO.....

REFERENCE AND IDENTIFICATION

SAMPLED BY..... LIEB: HANBY

COLLECTOR AFFILIATION... U.S.G.S.

REFERENCE..... STEVENS: 1962

COORDINATES

LAT/LONG... 43-26.68 N 116-38.74 W

ISOTOPES 10/2001

RECORD 00264

GEOTHERM FILE 101 0001424

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL IN HIDDEN VALLEY (1)

WELL/SPRING NUMBER..... 02N-UJM-34-0H1

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CANYON

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... GIVENS HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/08/27

TEMPERATURE (C)..... 27.2

WELL DEPTH (M)..... 110.

WATER ANALYSIS

P..... 7.8

SPECIFIC CONDUCTANCE..... 859.

ALKALINITY..... 164.

TOTAL DISSOLVED SOLIDS... 550.

COORDINATES

LAT/LONG... 43-27.98 N 116-40.71 W

CHARGE IMBALANCE (% DIFF.)... 1.0

ANALYSIS IN PPM

AG.... CO3.... N
 AL.... CH....
 H.... 0.26 F....
 RA.... FE+3....
 CA.... 29. MC03.... 164.
 CL.... 8. K.... 13.
 CO....

MG... 16.
 NA... 126.
 NA+K... 504... 208.
 NO3... 1.

ISOTOPES (D/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... STEVENS, 1962

RECORD 00265

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0001430

NAME OF SAMPLE SOURCE... UNNAMED WELL IN MIDDEN VALLEY (2)

WELL/SPRING NUMBER..... 02N-03N-35-CA1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES U2N U03N 35 NE OF SW

STATE..... IDAHO

MERID: NOISE

COUNTY..... CANYON

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... GIVENS HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1956/04/27

TEMPERATURE (C)..... 27.2

WELL DEPTH (M)..... 143.

WATER ANALYSIS

P..... 8.4

SPECIFIC CONDUCTANCE..... 388.

ALKALINITY..... 198.

AS MC03

TOTAL DISSOLVED SOLIDS... 248.

CHARGE IMBALANCE (% DIFF.)... 2.6

ANALYSIS IN PPM

AG.... CO3.... 5.
 AL.... CH....
 H.... 0.27 F....
 RA.... FE+3....
 CA.... 6. MC03.... 198.
 CL.... 6. K.... 4.
 CO....

MG... 1.
 NA... 77.
 NA+K... 504... 17.
 NO3... 1.

ISOTOPES (D/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY

COMPILER AFFILIATION... U.S.G.S.

REFERENCE..... STEVENS, 1962

RECORD 00266

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0001422

NAME OF SAMPLE SOURCE... UNNAMED WELL NE OF MELHA (1)

WELL/SPRING NUMBER..... 01N-02N-36-B01

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES U1N U02N 36 SE OF NW

STATE..... IDAHO

MERID: NOISE

LAT/LONG... 43-22.85 N 116-31.5 W

COUNTY..... CANYON
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... MELHA 1124000
 DINES LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/08/28

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 188.

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 455.
 ALKALINITY..... 207. AS HCO3
 TOTAL DISSOLVED SOLIDS... 291.
 CHARGE IMBALANCE (± DIFF.)... 4.3
 ANALYSIS IN PPM

AG....	CO3....	8.	MG....	6.
AL....	CR....		NA....	81.
H....	F....		NA+K..	504.. 25.
HA....	FE+3....		NO3....	4.
CA....	HCO3....	207.		
CL....				
CO....	K....	4.		

ISOTOPES 10/041

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY
 COMPILED AFFILIATION... U.S.G.S.
 REFERENCE..... STEVENS, 1962

RECUMD 00267

GEO THERM FILE ID: 0001427

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL NE OF PICKLES BUTTE (1)
 WELL/SPRING NUMBER..... 02N-034-22-C01

0001427

LOUISIANA RANGE

COORDINATES

LAT/LONG... 43-29.73 N 116-41.23 W

COUNTY..... UNITED STATES 02N 034 22 NW OF SW
 STATE..... IDAHO
 COUNTY..... CANYON
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... GIVENS HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/05/06

TEMPERATURE (C)..... 24.7

WELL DEPTH (M)..... 254.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 509.
 ALKALINITY..... 242. AS HCO3
 TOTAL DISSOLVED SOLIDS... 354.
 CHARGE IMBALANCE (± DIFF.)... 1.0
 ANALYSIS IN PPM

AL....	CA....	11.	SI02..	59.
AR....	CU....	40.	NA....	55.
H....	F....	0.6	NA+K..	504.. 62.
HA....	FE+3....			
HF....	FE(II) N			
CA....	HCO3....	242.	NO3.. N	
CL....				

ISOTOPES 10/041

CO..... K..... 6.5
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... IIEB, RANDY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... STEVENS, 1962

RECORD 00268

GEOTHERM FILE 101 0001419

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL NORTH OF MAT BUTTE (1)

WELL/SPRING NUMBER..... 01N-02W-16-CH1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 002W 16 NW OF SW

STATE..... IDAHO MERID: BOISE

COUNTY..... CANYON

MAP REFERENCE..... MELBA 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/06/06

TEMPERATURE (C)..... 70.

WELL DEPTH (M)..... 145.

WATER ANALYSIS

P..... 8.1

SPECIFIC CONDUCTANCE..... 450.

ALKALINITY..... 136.

AS HCO3

TOTAL DISSOLVED SOLIDS..... 619.

CHARGE IMBALANCE (+ DIFF.)..... 5.6

ANALYSIS IN PPM

AL.....

CR.....

MG.....

29.

AU.....

CU.....

MO.....

S102.

35.

R..... 0.3

F..... 0.6

NA.....

72.

RA.....

FE+3.....

NA+K.....

S04..

217.

HF.....

FE(TOT), N

NO3..

23.

CA..... R3.

HCO3.....

136.

NO3..

23.

CL..... R4.

CO.....

K.....

6.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... IIEB, RANDY

COMPILER AFFILIATION... U.S.G.S.

REFERENCE..... STEVENS, 1962

RECORD 00269

GEOTHERM FILE 101 0001418

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL NORTH OF MAT BUTTE (1)

WELL/SPRING NUMBER..... 01N-02W-16-CH1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 002W 16 NW OF SW

STATE..... IDAHO MERID: BOISE

COUNTY..... CANYON

MAP REFERENCE..... MELBA 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/04/28

TEMPERATURE (C)..... 75.6

WELL DEPTH (M)..... 145.
 WATER ANALYSIS
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 1070.
 ALKALINITY..... 134. AS HCO3
 TOTAL DISSOLVED SOLIDS..... 684.
 CHARGE IMBALANCE (+ DIFF.)... 9.7
 ANALYSIS IN PPM

ISOTOPES 10/001

AG....	CO3.....	N	MG....	34.		
AL....	CH.....		NA....	69.	504..	225.
H..... 0.1	F.....		NA+K.			
HA....	FE+3....		NO3..	26.		
CA.... 92.	HCO3....	134.				
CL.... 96.						
CO....	K.....	7.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, HARRY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... STEVENS, 1962

RECORD 00270

GEOTHERM FILE 101 0025198

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WES SCHORER WELL

WELL/SPRING NUMBER..... 02N-02W-04-0CA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 02N 02W 04. VE OF SW SE

LAT/LONG... 43-32.07 N 110-34.66 W

STATE..... IDAHO

COUNTY..... CANYON

MAP REFERENCE..... NADPA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 112.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGAN, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00271

GEOTHERM FILE 101 0081057

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BLACK RIVER WARM SPRINGS

WELL/SPRING NUMBER..... 05S-04E-14-HCC 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 05S 04E 14 SW OF SW NW

LAT/LONG... 42-59.18 N 111-44.00 W

STATE..... IDAHO

COUNTY..... CANYON

GEOLOGIC PROVINCE... 20

MAP REFERENCE..... HENRY 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION..... 1973/09/27 MITCHELL, JOHN C.

TEMPERATURE (C)..... 26.

TEMPERATURE..... 5. L/MIN

PERCENT LITHOLOGY..... QUATERNARY BASALT.

ANALYSIS

ANALYST..... U.S. BUREAU OF RECLAMATION

P-..... 6.2
 SPECIFIC CONDUCTANCE..... 470.
 ALKALINITY..... 1932. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 3466.
 CHARGE IMBALANCE (% DIFF.)... 0.5
 ANALYSIS IN MG/L

ANALYSIS IN MG/L
 AG.....
 AL.....
 AU.....
 H..... 0.42
 HA.....
 HI.....
 CA..... 674.
 CO.....
 CL..... 110.
 CR.....
 CU.....
 FE.....
 GA.....
 HCO₃..... 2357.
 H₂S.....
 K..... 217.

MG..... 245.
 MO.....
 NA..... 147.
 NA+K.....
 NH₄..... 1.4
 NO₃..... 0.06
 PO₄..... N

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976B

RECORD 00272

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0025207

NAME OF SAMPLE SOURCE... BLACKFOOT RESERVOIR WARM SPRINGS
 WELL/SPRING NUMBER..... RAS-41E-01-ADCIS

LOCATION

IDW-SHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 065 041E 01 SW OF SE VE
 STATE..... IDAHO
 COUNTY..... CARRIQU
 GEOLOGIC PROVINCE... 20
 MAP REFERENCE..... HENRY 1162500

LAT/LONG... 42-55.68 N 111-35.54 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.
 SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.
 DISCHARGE..... 570. L/MIN

WATER ANALYSIS

P-..... 6.2
 SPECIFIC CONDUCTANCE..... 146.
 TOTAL DISSOLVED SOLIDS... 1370.
 CHARGE IMBALANCE (% DIFF.)... 1.1
 ANALYSIS IN MG/L

ANALYSIS IN MG/L
 AG.....
 AL.....
 AU.....
 H..... 0.04
 HA.....
 HI.....
 CA..... 232.
 CO.....
 CL..... 20.
 CR.....
 CU.....
 FE.....
 GA.....
 HCO₃..... 956.
 H₂S.....
 K..... 14.

MG..... 58.
 MO.....
 NA..... 26.
 NA+K.....
 NH₄..... N
 NO₃..... 0.03
 PO₄..... N

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, RIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976B

RECORD 00273

GEOTHERM FILE 101 0081058

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CORRAL CREEK WELL #1

WELL/SPRING NUMBER..... 06S-41E-19-HA1

LOCATION

COUNTRY..... UNITED STATES 06S 041E 19 NE OF NE NW

STATE..... IDAHO

COUNTY..... CARRIQU

GEOLOGIC PROVINCE.. 20

MAP REFERENCE..... MEVY 182500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/12 MITCHELL, JOHN

TEMPERATURE (C)..... 42

WELL DEPTH (M)..... 40

DISCHARGE..... 600 L/MIN

PERTINENT LITHOLOGY..... PERMIAN PHOSPHATIC SLATE.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION

SPECIFIC CONDUCTANCE..... 6.5

ALKALINITY..... 4519

TOTAL DISSOLVED SOLIDS... 2333 AS CaCO3

CHARGE IMBALANCE (X DIFF.)... 4849

ANALYSIS IN MG/L

ISOTOPIES (0/00)

AG...	CO3...	MG...	263.		
AL...	CH...	MO...	5102.	28.	
AR...	CI...	NA...	101.	504.	898.
AS...	FE...	NH4...	1.3		
BA...	GA...	NO3...	0.16		
BR...	HC03...	PO4...	N		
CA...	H2S...				
CD...					
CE...					
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FLI DEPTH (1)..... 17.
 DISCHARGE..... 400. L/MIN
 PERCENT LITHOLOGY..... PERMIAN PHOSPHATIC SLATE.
 WATER ANALYSIS
 DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 P..... 0.8
 SPECIFIC CONDUCTANCE..... 4519.
 ALKALINITY..... 2264. AS CaCO₃
 TOTAL DISSOLVED SOLIDS..... 4677.
 CHARGE IMBALANCE (% DIFF.)... 0.1
 ANALYSIS IN MG/L
 AG..... CO₃..... N
 AL..... CH.....
 AU..... CU.....
 H..... F..... 3.5
 HA..... FE+3.....
 HI..... GA.....
 CA..... MCUS..... 2763.
 CD..... MS.....
 CL..... K..... 242.
 CO.....

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENHAM, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976B

RECORD 00275

GEOTHERM FILE 101 0081060

GEOTHERM SAMPLE DATA

NAME OF SAMPLE SOURCE... CORRAL CREEK WELL #3
 WELL/SPRING NUMBER..... 065-41E-19-DAC 1
 LOCATION:

COORDINATES

COUNTY..... UNITED STATES 055 041E 19 SW OF NE NW
 STATE..... IDAHO MERIDIAN: NAD 83
 COUNTY..... CARBON
 MAP REFERENCE..... HENRY 1102500
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/09/12 MITCHELL, JOHN C.
 TEMPERATURE (C)..... 41.
 WELL DEPTH (M)..... 56.
 DISCHARGE..... 400. L/MIN

PERCENT LITHOLOGY..... PERMIAN PHOSPHATIC SLATE.

WATER ANALYSIS
 DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 P..... 0.8
 SPECIFIC CONDUCTANCE..... 4549.
 ALKALINITY..... 2213. AS CaCO₃
 TOTAL DISSOLVED SOLIDS..... 4720.
 CHARGE IMBALANCE (% DIFF.)... 1.5
 ANALYSIS IN MG/L

ISOTOPES (0/001)

AG..... CO₃..... N
 AL..... CH.....
 AU..... CU.....
 H..... F..... 2.4
 HA..... FE+3.....
 HI..... GA.....
 CA..... MCUS.....
 CD..... MS.....
 CL..... K.....
 CO.....

HI..... GA..... NM4... 1.4
 CA..... 697. HCO3... 2723. NO3... 0.14
 CO..... H2S..... PO4... N
 CL..... 40. K..... 233.

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976B

RECORD 00276

GEOTHERM FILE 101 0081061

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CORRAL CREEK WELL #4
 WELL/SPRING NUMBER..... HOS-41E-19-BADI
 LOCATION:
 COUNTY..... UNITED STATES 065 041E 19 SE OF VE NW
 STATE..... IDAHO MERID: NAD83
 COUNTY..... CAMERON
 MAP REFERENCE..... HENRY 1162500
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

COORDINATES

LAT/LONG... 42-53.29 N 111-41.93 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/12 MITCHELL, JOHN C.
 TEMPERATURE (C)..... 36.
 WELL DEPTH (M)..... 40.
 DISCHARGE..... 40. L/MIN.

PERMIT LITHOLOGY..... PERMIAN PHOSPHATIC SLATE

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 P..... 6.6
 SPECIFIC CONDUCTANCE..... 4399.
 ALKALINITY..... 2297. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 4724.

CATION BALANCE (A DIFF.)... 3.2

ANION BALANCE (A DIFF.)... 3.2

ISOTOPES 10/20/1

AG.....	CO3..... N	MG..... 253.	SI02.. 30.
AL.....	CH.....	MO.....	
AR.....	CU.....	NA..... 99.	SO4... 884.
BA..... 0.53	F..... 2.5	NA+K..	
BR.....	FE+3...	NH4... 1.2	
CL..... 40.	GA.....	NO3... 0.15	
CO..... 697.	HCO3... 2803.	PO4... N	
CR.....	H2S.....		
CS.....			
CU.....			
FE.....			
GA.....			
HI.....			
NO.....			
PO.....			
SI.....			
SO.....			
TH.....			
UR.....			
VA.....			
W.....			
ZN.....			

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976B

RECORD 00277

GEOTHERM FILE 101 0025208

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HENRY HART SPRING
 WELL/SPRING NUMBER..... HOS-02E-04-04A
 LOCATION:

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 42-54.64 N 111-33.34 W

COUNTY..... UNITED STATES U6S 042E 08 VE OF NW SE
 STATE..... IDAHO
 COUNTY..... CARIBOU
 GEOLOGIC PROVINCE.. 20
 MAP REFERENCE..... HENRY 1124000
 SAMPLE DESCRIPTION AND COMMENTS
 TEMPERATURE (C)..... 70.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEGAVETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976B

RECORD 00276

GEOTHERM FILE 101 0015281

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PORTNEUF RIVER WARM SPRING
 WELL/SPRING NUMBER..... 075-38E-26-C801S

LOCATION..... IDAHO-SHIPLEY-RANGE
 COUNTY..... UNITED STATES 075 038E 26 SE OF NW SW
 STATE..... IDAHO
 COUNTY..... CARIBOU
 GEOLOGIC PROVINCE.. 20
 MAP REFERENCE..... BEARCAMP GULCH 1124000

COORDINATES

LAT/LONG... 42-46.11 N 111-59.57 W
 UTM ZONE... 12
 NORTHING... 4735371
 EASTING... 418770

SAMPLE DESCRIPTION AND COMMENTS

DATE/COLLECTOR..... 1977/08/23 MITCHELL, JOHN
 TEMPERATURE (C)..... 74.0
 DISCHARGE..... 189 L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE JFA FU FU FU MC

WATER ANALYSIS

PH..... 6.2 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 2400
 ALKALINITY..... 809 AS CAC03
 TOTAL DISSOLVED SOLIDS... 1380
 CATION BALANCE IN DIFF..... 1.6

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	0.28
AL.....	CL.....	MG...	0.00
AS..... 0.005	CH.....	NO...	5102. 38.
AT.....	FE..... 0.8	NA...	81.
BA.....	FE3.....	NA+K...	504.. 270.
CA..... 200.	HC03.....		
CA+MG...	MG...		
CO.....	MG2.....	PO4...	0.06
CO..... 62.			
CO.....	K..... 62.		

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00279

GEOTHERM FILE 101 0001436

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SODA SPRINGS GEYSER
 WELL/SPRING NUMBER..... 075-41E-12-AD01S

LOCATION: UNITED STATES
 COUNTY..... IDAHO
 STATE..... CARIBOU
 COUNTY..... 20
 GEOLOGIC PROVINCE..... SODA SPRINGS 1142500
 MAP REFERENCE.....

LOANSHIP-RANGE

095 041E 12 SE OF SE VE
 MERID: BOISE

COORDINATES

LAT/LONG... 42-39.43 N 111-36.27 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/15

TEMPERATURE (C)..... 11.0

WATER ANALYSIS

PH..... 6.3
 SPECIFIC CONDUCTANCE..... 3990
 ALKALINITY..... 1640 AS CAC03
 TOTAL DISSOLVED SOLIDS..... 3120
 CHARGE IMBALANCE (A DIFF.)... 14.6

ANALYSIS IN MU/L

AG.....	CO3.....	N	MG.....	170.		
AL.....	CH.....		MO.....		5102.	29.
AR.....	CU.....		NA.....	12.	504.	800.
BA.....	FE.....	0.5	NO3.....	0.03		
CA.....	HCO3.....	2290.	PO4.....	0.07		
CL.....	H2S.....					
CO.....	K.....	23.				

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... ILM, RANDY
 COMPUTER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00280

GEOTHERM FILE 101 0081063

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SODA SPRINGS GEYSER

WELL/SPRING NUMBER..... 095-041E-12-ADD 15

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CARIBOU
 COUNTY..... 20
 GEOLOGIC PROVINCE..... SODA SPRINGS 1142500
 MAP REFERENCE.....

LOANSHIP-RANGE

095 041E 12 SE OF SE VE
 MERID: BOISE

COORDINATES

LAT/LONG... 42-39.42 N 111-36.24 W

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/02 MITCHELL, JOHN C.

TEMPERATURE (C)..... 20.

DISCHARGE..... 5 L/MIN

DEPOSITS ON ALTERNATION... TRAVERTINE.

IDENTIFIED LITHOLOGY..... PLEISTOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 1959
 ALKALINITY..... 2143 AS CAC03
 TOTAL DISSOLVED SOLIDS..... 4475
 CHARGE IMBALANCE (A DIFF.)... 0.5

ISOTOPES (0/001)

AG....		CO3....	N	MG....	193.		
AL....		CH....		MO....		5102.	35.
AU....		CU....		NA....	12.		
H....	0.05	F....	1.6	NA+K.		504..	841.
BA....		FE+3....		NH4....	0.1		
HI....		GA....		NO3....	0.21		
CA....	851.	HCO3....	2613.	PO4....	N		
CD....		H2S....					
CL....	5.7						
CO....		K....	23.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976B

RECORD 00261

GEOTHERM FILE 101 0081062

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

WELL/SPRING NUMBER..... 095-41E-10-DAA 15

LOCATION

IDWSSHP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

U95 041E 10 NE OF NE SE

LAT/LONG... 42-39.32 N 111-38.60 W

STATE..... IDAHO

MEMID: HUISE

COUNTY..... CARRIAGE

GEOLOGIC PROVINCE... 20

MAP REFERENCE..... SODA SPRINGS 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION..... 1964/07/22

TEMPERATURE (C)..... 51.

ANALYSIS

DATE ANALYST..... U.S. GEOLOGICAL SURVEY?

P..... 7.0

SPECIFIC CONDUCTANCE..... 3369.

ALKALINITY..... 2264. AS CaCO3

TOTAL DISSOLVED SOLIDS... 3147.

CHARGE IMBALANCE (A DIFF.)... 1.5

ANALYSIS IN M/L

ISOTOPES 10/001

AG....		CO3....	N	MG....	246.		
AL....		CH....		MO....		5102.	84.
AU....		CU....		NA....	28.		
H....		F....	0.3	NA+K.		504..	412.
BA....		FE+3....		NO3....	0.1		
CA....	645.	HCO3....	2340.				
CD....							
CL....	1.1						
CO....		K....	27.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00282

GEOTHERM FILE 101 0025209

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS

WELL/SPRING NUMBER..... 095-41E-10-DAA

LOCATION

IDWSSHP-RANGE

COORDINATES

COUNTY..... UNITED STATES 09S 041E 10 NE OF NE SE
 STATE..... IDAHO
 COUNTY..... CARRIQU
 MAP REFERENCE..... SODA SPRINGS (S) 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 31.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPUTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00283

GEOTHERM FILE ID: 0001435

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... UNNAMED SPRING SW OF RESERVOIR MTN (1)
 WELL/SPRING NUMBER..... 06S-41E-19-HAAS
 LOCATION
 COUNTY..... UNITED STATES 06S 041E 19 NE OF NE W
 STATE..... IDAHO MERID: BOISE
 COUNTY..... CARRIQU
 GEOLOGIC PROVINCE... 20
 MAP REFERENCE..... HENRY 1162500

COORDINATES

LAT/LONG... 42-53.4 N 111-41.9 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/JB/15
 TEMPERATURE (C)..... 62.0
 DISCHARGE..... E 4920. L/MIN

WATER ANALYSIS

pH..... 6.8
 SPECIFIC CONDUCTANCE..... 4590.
 ALKALINITY..... 2050. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 3530.
 CHARGE BALANCE (A DIFF.)... 3.0
 ANALYSIS IN MU/L

ISOTOPES 10/001

AG.....	CO3..... N	MU.....	260.		
AL.....	CH.....	MO.....		5102.	24.
AR.....	CI.....	NO.....			
AS.....	F..... 1.4	NA.....	94.	504.	400.
BA.....	FE+3.....	NA+K.....			
CA..... 650.	HCO3..... 2500.	NO3.....	0.04		
CD.....	H2S.....	PO4.....	0.05		
CE..... 40.					
CH.....	K..... 240.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIES, HARRY
 COMPUTER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00284

GEOTHERM FILE ID: 0015282

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... UNNAMED WELL
 WELL/SPRING NUMBER..... 07S-03HE-34-HDU1
 LOCATION
 COUNTY..... UNITED STATES 07S 03HE 34 W OF SW
 STATE..... IDAHO

COORDINATES

LAT/LONG... 42-46.11 N 111-54.57 W
 UTM ZONE... 12

COUNTY..... CARIBOU
 GEOLOGIC PROVINCE.. 20
 MAP REFERENCE..... PORTNEUF 1162500
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION..... 1977/08/23 MITCHELL, JOHN
 TEMPERATURE (C)..... 34.0
 DISCHARGE..... 149. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FO RU RC
 OTHER SAMPLE INFORMATION.. REFERENCE UNAVAILABLE, RECORD UNVERIFIABLE

WATER ANALYSIS

pH..... 6.2
 SPECIFIC CONDUCTANCE..... 2400.
 ALKALINITY..... 170. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1380.
 CHARGE IMBALANCE (± DIFF.)... 11.8
 ANALYSIS IN MG/L
 AG.... CO3.... N LI... 0.260
 AL.... CR..... MG... 64.
 AS.... 0.005 CU..... MO... 5102. 36.
 AU.... 0.31 F..... 0.8 NA... 01. 504.. 270.
 BA.... FE+3.... NA+K.
 CA.... 240. HG..... 0.0001
 CA+MG. H2S..... PO4.. 0.46
 CD....
 CL.... 62. R..... 62.

ISOTOPES (D/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00245

GEOTHERM FILE 101 0025210

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILSON LAKE WARM SPRING
 WELL/SPRING NUMBER..... 055-41E-14-HCU
 LOCATION.....

COORDINATES

LAT/LONG... 43-00.62 N 111-41.79 W

COUNTRY..... UNITED STATES 055 04E 14 SE OF SW 40
 STATE..... IDAHO
 COUNTY..... CARIBOU
 GEOLOGIC PROVINCE.. 1A
 MAP REFERENCE..... HENRY 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEWATER, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT WATER RESOURCES

RECORD 00286

GEOTHERM FILE 101 0025211

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ANDERSON BROTHERS WELL
 WELL/SPRING NUMBER..... 125-22E-14-ACC

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... MARION 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 124.
 DISCHARGE..... 5677. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 42-20.22 N 113-52.23 W

RECORD 00287

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... BEN SCHMIDT WELL
 WELL/SPRING NUMBER..... 155-26E-23-ABO

GEOTHERM FILE 101 0025255

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE... 20
 MAP REFERENCE..... CHOCOMERRY CANYON 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 109.
 DISCHARGE..... 208. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 42-06.52 N 113-22.69 W

RECORD 00288

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... C N Y RANCH (J.W. SIMPLOT) WELL
 WELL/SPRING NUMBER..... 115-21E-05-MAH 1

GEOTHERM FILE 101 0081067

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE... 18
 MAP REFERENCE..... LAKE WILCOTT 1162500

COORDINATES
 LAT/LONG... 42-30.10 N 113-19.55 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1946/09/00 ROSS

TEMPERATURE (C)..... 29.
 WELL DEPTH (M)..... 149.
 DISCHARGE..... 5249. L/MIN

PETROLOGY LITHOLOGY..... QUATERNARY ALLUVIUM AND TERTIARY SEDIMENTARY ROCKS.

ANALYSIS
 ANALYST..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 7.6
 655.

ALKALINITY..... 188. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 432.
 ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3.... N	MG....	7.2		
AL....	CR....	MO....		5102.	78.
AU....	CU....	NA....	100.		
R.... IN	F.... 3.4	NA+K...		504..	14.
HA....	FE+3....	NO3..	0.9		
CA.... 26.	MCU3.... 230.				
CL.... 90.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00289

GEOTHERM FILE 101 0025218

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... C & Y RANCH WELL #1
 WELL/SPRING NUMBER..... 115-27E-05-ABA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 115 027E 05 NE OF NW NE

STATE..... IDAHO

COUNTY..... CASSIA

MAP REFERENCE..... MALTA N.E. 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 100.

DISCHARGE..... 22. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00290

GEOTHERM FILE 101 0025217

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLARENCE BRACES WELL
 WELL/SPRING NUMBER..... 125-20E-12-UCC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 125 020E 12 SW OF SW SE

STATE..... IDAHO

COUNTY..... CASSIA

GEODESIC PROVINCE... 17

MAP REFERENCE..... MILNER BUTTE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.

WELL DEPTH (M)..... 357.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00291

GEOTHERM FILE 101 0025228

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLARENCE DAGGER WELL
 WELL/SPRING NUMBER... 125-17E-06-CDC
 LOCATION: TOWNSHIP-RANGE 125 019E 06 SW OF SE SW
 COUNTY... UNITED STATES
 STATE... IDAHO
 COUNTY... CASSIA
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE... STRICKER BUTTE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)... 34.
 WELL DEPTH (M)... 335.
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... ROSS, 1971

COORDINATES
 LAT/LONG... 42-24.30 N 114-16.73 W

RECORD 00292

GEOTHERM FILE 101 0025221

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... COINER BROTHERS WELL #1
 WELL/SPRING NUMBER... 125-20E-06-BAC
 LOCATION: TOWNSHIP-RANGE 125 020E 06 SW OF NE NW
 COUNTY... UNITED STATES
 STATE... IDAHO
 COUNTY... CASSIA
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE... MURTAUGH 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)... 41.
 WELL DEPTH (M)... 132.
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 42-24.85 N 114-09.05 W

RECORD 00293

GEOTHERM FILE 101 0025222

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... COINER BROTHERS WELL #2
 WELL/SPRING NUMBER... 125-20E-06-HCC
 LOCATION: TOWNSHIP-RANGE 125 020E 06 SW OF SW NW
 COUNTY... UNITED STATES
 STATE... IDAHO
 COUNTY... CASSIA
 GEOLOGIC PROVINCE... MURTAUGH 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)... 37.
 WELL DEPTH (M)... 198.
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... ROSS, 1971

COORDINATES
 LAT/LONG... 42-24.62 N 114-10.11 W

RECORD 00294

GEOTHERM FILE 101 0025224

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CREED CONCERN INC #1
 WELL/SPRING NUMBER..... 125-19E-05-C8D
 LOCATION.....
 COUNTY..... UNITED STATES 125 019E 05 SE OF NW SW
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... MURTAUGH 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 70.
 WELL DEPTH (M)..... 304.
 DISCHARGE..... 2210.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... RUSS, 1970

COORDINATES
 LAT/LONG... 42-24.66 N 114-15.00 W

RECORD 00295

GEOTHERM FILE 101 0025226

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... CREED CONCERN INC #3
 WELL/SPRING NUMBER..... 125-19E-06-CAD
 LOCATION.....
 COUNTY..... UNITED STATES 125 019E 06 SE OF NE SW
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... STICKER BUTTE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 168.
 DISCHARGE..... 2725.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... RUSS, 1971

COORDINATES
 LAT/LONG... 42-24.42 N 114-16.01 W

RECORD 00296

GEOTHERM FILE 101 0025227

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... CREED CONCERN INC #4
 WELL/SPRING NUMBER..... 125-19E-06-000
 LOCATION.....
 COUNTY..... UNITED STATES 125 019E 06 SE OF SE SE
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... STICKER BUTTE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 74.
 WELL DEPTH (M)..... 335.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 42-24.20 N 114-16.09 W

RECORD 00299

GEOTHERM FILE 101 0025230

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DUFFEE SPRING
WELL/SPRING NUMBER... 155-24E-22-DAC
LOCATION:

IDWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 155 024E 22 SW OF NE SE
STATE... IDAHO
COUNTY... CASSIA
GEOLOGIC PROVINCE... 20
MSP REFERENCE... ALMU 1124000

LAT/LONG... 42-06.09 N 113-37.91 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 39.
DISCHARGE... 189. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE... ROSS, 1971

RECORD 00300

GEOTHERM FILE 101 0001437

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FRAZIER HOT WELL
WELL/SPRING NUMBER... 155-26E-23-HBC1
LOCATION:

IDWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 155 026E 23 SW OF NW NW
STATE... IDAHO
COUNTY... CASSIA
MSP REFERENCE... CHURCHMENNY CANYON 1124000

LAT/LONG... 42-05.47 N 113-23.46 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION... 1972/05/18
TEMPERATURE (C)... 93.

WELL DEPTH (M)... 126.
DISCHARGE... 220. L/MIN

WATER ANALYSIS

pH... 7.4
SPECIFIC CONDUCTANCE... 3050.
ALKALINITY... 45. AS CAC03
TOTAL DISSOLVED SOLIDS... 1720.
CHARGE IMBALANCE (± DIFF)... 0.6
ANALYSIS IN MG/L

ISOTOPES 10/2001

AG...	CO3...	N			
AL...	CH...	MO...	0.4	5102.	90.
AR...	CU...	NA...	560.	504.	57.
BA...	FE...	NO3...	0.54		
CA...	HC03...	P04...	N		
CL...	H2S...				
CO...	K...		22.		

REFERENCE AND IDENTIFICATION

COMPILED BY... LIEB, RANDY
COMPILED AFFILIATION... U.S.G.S.
REFERENCE... YOUNG AND MITCHELL, 1973

RECORD 00301

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025235

NAME OF SAMPLE SOURCE... GALEN MEYERS WELL #2

WELL/SPRING NUMBER... 125-19E-02-AAD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 125 019E 02 SE OF NE VE

LAT/LONG... 42-24.61 N 114-11.49 W

STATE... IDAHO

COUNTY... CASSIA

GEOLOGIC PROVINCE... 17

MAP REFERENCE... MURTAUGH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 37.

WELL DEPTH (M)... 237.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... ROSS, 1971

RECORD 00302

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025223

NAME OF SAMPLE SOURCE... GERALD CONARD WELL

WELL/SPRING NUMBER... 125-21E-01-AAA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 125 021E 01 NE OF NE VE

LAT/LONG... 42-24.94 N 113-55.93 W

STATE... IDAHO

COUNTY... CASSIA

MAP REFERENCE... BURLEY QUITE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 27.

WELL DEPTH (M)... 306.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPIILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00303

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025231

NAME OF SAMPLE SOURCE... GOLDEN VALLEY WELL

WELL/SPRING NUMBER... 125-21E-28-CCB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 125 021E 28 NW OF SW SW

LAT/LONG... 42-20.87 N 113-59.36 W

STATE... IDAHO

COUNTY... CASSIA

GEOLOGIC PROVINCE... 18

MAP REFERENCE... MATH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 39.

WELL DEPTH (M)... 545.

DISCHARGE... 3633 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPIILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... IDAHU DEPARTMENT OF WATER RESOURCES

RECORD 00304

GEOTHERM FILE 101 0025232

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GRAPE CREEK WARM SPRING

WELL/SPRING NUMBER..... 155-25E-24-CCA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 155 025E 24 NE OF SW SW

LAT/LONG... 42-05.12 N 113-33.83 W

STATE..... IDAHO

COUNTY..... CASSIA

GEOLOGIC PROVINCE.. 20

MAP REFERENCE..... CHUCKBERRY CANYON 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72.

DISCHARGE..... 75. L/MIN

ANALYST AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... IDAHU DEPARTMENT WATER RESOURCES

RECORD 00305

GEOTHERM FILE 101 0081074

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GRIFFETH-WIGHT WELL #4

WELL/SPRING NUMBER..... 145-26E-01-HDD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 145 026E 01 SE OF SE W

LAT/LONG... 42-14.10 N 113-21.89 W

STATE..... IDAHO

COUNTY..... CASSIA

GEOLOGIC PROVINCE.. 20

MAP REFERENCE..... BRIDGE 1:24000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/00/00 MITCHELL

TEMPERATURE (C)..... 77.

WELL DEPTH (M)..... 1982.

DISCHARGE..... 179. L/MIN

OTHER SAMPLE INFORMATION.. PRE-TERTIARY UNDIFFERENTIATED ROCKS.

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 8.4

SPECIFIC CONDUCTANCE..... 10000.

ALKALINITY..... 302. AS CaCO3

TOTAL DISSOLVED SOLIDS... 323.

DIAPHRAGM BALANCE (8 DIFF.)... 125.6

ANALYSIS IN MG/L

Al... CO3... 124.

Al... Ca... 12.

Al... Cu... 14.

Al... Fe... 14.

Al... Mn... 1.2

Al... Na... 0.01

Al... Ni... 2.5

Al... Pb... 2.5

Al... Zn... 2.5

ISOTOPES 10/2001

Al... 1.0

Al... 5.0

Al... 62.

Al... 62.

Al... 62.

Al... 62.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00306

GEOTHERM FILE 101 0025254

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HAROLD SAVAGE WELL

WELL/SPRING NUMBER..... 125-20E-06-0AC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 12S 020E 06 S OF NE SE

LAT/LONG... 42-24.44 N 114-09.29 W

STATE..... IDAHO

COUNTY..... CASSIA

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... MURTAUGH 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32

WELL DEPTH (M)..... 737

DISCHARGE..... 2206 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00307

GEOTHERM FILE 101 0081078

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HAROLD HAND WELL

WELL/SPRING NUMBER..... 155-24E-22-DUH 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 15S 024E 22 W OF SE SE

LAT/LONG... 42-05.95 N 113-37.07 W

STATE..... IDAHO

COUNTY..... CASSIA

GEOLOGIC PROVINCE.. 20

MAP REFERENCE..... ALMO 1:24000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/25 YOUNG AND MITCHELL

TEMPERATURE (C)..... 38

WELL DEPTH (M)..... 153

DISCHARGE..... 379 L/MIN

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 7.4

ALKALINITY..... 606

TOTAL DISSOLVED SOLIDS... 139 AS CaCO3

CHARGE IMBALANCE IN DIFF... 369

ANALYSIS IN MG/L 2.4

ISOTOPES (0/001)

CO3	40	9.3		
CH	40			
CU	40			
P	40			
FE	40			
NA	40			
SI	40			
S	40			
SO	40			
SR	40			
TH	40			
U	40			
V	40			
W	40			
X	40			
Y	40			
Z	40			

CA.... 37. MC03.... 169. NO3.. 0.56
 CD.... H2S..... P04.. 0.03
 CL.... 80. K..... 3.1
 CO....

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00308

GEOCHEMICAL SAMPLE FILE

GEOTHERM FILE ID: 0081076

NAME OF SAMPLE SOURCE... WAKOUD WIGHT WELL
 WELL/SPRING NUMBER..... 145-26E-01-CDA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14S 026E 01 NE OF SE SW
 STATE..... IDAHO MERID: BOISE

LAT/LONG... 42-13.78 N 113-21.88 W

COUNTY..... CASSIA

GEOLOGIC PROVINCE... 20

MAP REFERENCE..... BRIDGE 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/06/14 U.S. GEOLOGICAL SURVEY

TEMPERATURE (C)..... 63

PERTINENT LITHOLOGY..... PRE-TERTIARY UNDIFFERENTIATED ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 9.3

SPECIFIC CONDUCTANCE..... 600

ALKALINITY..... 257 AS CaCO3

TOTAL DISSOLVED SOLIDS... 515

CHARGE IMBALANCE (A DIFF.)... 6.8

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG....	CO3....	36.			
AL....	CU....		MG....	0.2	
AM....	FE....	7.3	NA....	170.	5102. 83.
HA....	GA....		NA+K...		504. 25.
HI....	MC03....	240.	NH4....	0.08	
CA....			NO3....	0.5	
CL....					
CO....					
	K.....	2.9			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00309

GEOCHEMICAL SAMPLE FILE

GEOTHERM FILE ID: 0025233

NAME OF SAMPLE SOURCE... HEPWORTH WELL

WELL/SPRING NUMBER..... 145-27E-1A-CCU

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14S 027E 1A SE OF SW SW

LAT/LONG... 42-11.62 N 113-21.05 W

STATE..... IDAHO

COUNTY..... CASSIA

GEOLOGIC PROVINCE.. 20
 MAP REFERENCE..... BRIDGE 1124000
 SAMPLE DESCRIPTION AND COMPOSITIONS
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 184.
 DISCHARGE..... 11810. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00310

GEOTHERM FILE 101 0081086

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... IVAN HARRINGTON WELL #4
 WELL/SPRING NUMBER..... 155-26E-24-DCC1

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 20

TOWNSHIP-RANGE

155 026E 24 S4 OF SW SE
 MERID: BOISE

COORDINATES

LAT/LONG... 42-05.81 N 113-21.77 W

MAP REFERENCE..... NAF 1124000
 SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1975/07/29
 TEMPERATURE (C)..... 31.
 DISCHARGE..... 1506. L/MIN

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 pH..... 7.5
 SPECIFIC CONDUCTANCE..... 1839.
 ALKALINITY..... 132. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 3399.
 CHARGE IMBALANCE (% DIFF.)... 2.6

ANALYSIS IN MG/L

ISOTOPE (U/001)

AG.....	CO3.....	14			
AL.....	CR.....		MG... 7.1		
AU.....	CU.....		MO... 5102.	55.	
B.....	F.....	2.5	NA... 340.		
HA.....	FE+3.....		NA+K... 504..	52.	
CA..... 84.	HC03.....	161.			
CL..... 560.					
CO.....		16.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00311

GEOTHERM FILE 101 0025229

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... IVAN HARRINGTON WELL #2
 WELL/SPRING NUMBER..... 155-26E-23-D08

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA

TOWNSHIP-RANGE

155 026E 23 N4 OF SE SE

COORDINATES

LAT/LONG... 42-05.90 N 113-22.65 W

MAP REFERENCE..... CHOCHECHERRY CANYON 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40.

WELL DEPTH (M)..... 79.

DISCHARGE..... 3406. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00312

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE 101 0081084

NAME OF SAMPLE SOURCE... IVAN DARRINGTON WELL #3

WELL/SPRING NUMBER..... 155-26E-23-0001

WDRIN NUMBER..... 184

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 155 026E 23 SE OF SE SE

LAT/LONG... 42-05.81 N 113-22.41 W

STATE..... IDAHO MERID: BOISE

COUNTY..... CASSIA

GEOLOGIC PROVINCE.. 20

MAP REFERENCE..... NAF 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/07/30

TEMPERATURE (C)..... 33.

PERMEANT LITHOLOGY..... PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.0

SPECIFIC CONDUCTANCE..... 2459.

ALKALINITY..... 143. AS CaCO3

TOTAL DISSOLVED SOLIDS... 1648.

CHARGE IMBALANCE (A DIFF.)... 0.7

ANALYSIS IN MG/L

ISOTOPIES 10/041

AG..... CO3.....

AL..... CH.....

AU..... CU.....

H..... F.....

HA..... FE.....

CA..... 140. HCO3.....

CL..... 820. NO3.....

CO..... K.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00313

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE 101 0025252

NAME OF SAMPLE SOURCE... T. T. ROBINSON WELL

WELL/SPRING NUMBER..... 095-28E-33-00AC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 095 028E 33 SW OF NE SE

LAT/LONG... 42-33.37 N 113-10.73 W

STATE..... IDAHO

COUNTY..... CASSIA

MJD REFERENCE..... YALE 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 229.
 DISCHARGE..... 4428. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00314

GEOTHERM FILE 101 0025240

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JACK PIERCE WELL
 WELL/SPRING NUMBER..... 145-20E-18-AAA

LOCATION

COUNTRY..... UNITED STATES 145 020E 18 NE OF NE NE

STATE..... IDAHO

COUNTY..... CASSIA

MJD REFERENCE..... STREVELL 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 176.

DISCHARGE..... 56. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES

LAT/LONG... 42-08.20 N 113-08.82 W

RECORD 00315

GEOTHERM FILE 101 0025253

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOE SAVAGE WELL
 WELL/SPRING NUMBER..... 125-20E-05-CCB

LOCATION

COUNTRY..... UNITED STATES 125 020E 05 SW OF SW SW

STATE..... IDAHO

COUNTY..... CASSIA

GEOLOGIC PROVINCE... 17

MJD REFERENCE..... MURTAGH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.

WELL DEPTH (M)..... 24.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES

LAT/LONG... 42-24.29 N 114-08.73 W

RECORD 00316

GEOTHERM FILE 101 0025216

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... C BARLOW WELL
 WELL/SPRING NUMBER..... 135-21E-05-HCC

LOCATION

COUNTRY..... UNITED STATES 135 021E 05 SW OF SW SW

STATE..... IDAHO

COORDINATES

LAT/LONG... 42-19.47 N 114-01.60 W

COUNTY..... CASSIA
 MAP REFERENCE..... HUCKWORN CANYON 1124000
 SAMPLE DESCRIPTION AND COORDINATES
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 213.
 DISCHARGE..... 13248. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00317

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025215

NAME OF SAMPLE SOURCE... K C HARLOW WELL
 WELL/SPRING NUMBER..... 125-20E-02-000

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 125 020E 02 SE OF SE SE

LAT/LONG... 42-24.17 N 114-04.16 W

STATE..... IDAHO

COUNTY..... CASSIA

MAP REFERENCE..... MILNER HOLE 1124000

SAMPLE DESCRIPTION AND COORDINATES

TEMPERATURE (C)..... 24.

WELL DEPTH (M)..... 272.

DISCHARGE..... 4.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00318

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025256

NAME OF SAMPLE SOURCE... LESTER THOMSON WELL
 WELL/SPRING NUMBER..... 135-27E-02-AUG

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 135 027E 02 SW OF SE SE

LAT/LONG... 42-19.29 N 113-15.59 W

STATE..... IDAHO

COUNTY..... CASSIA

MAP REFERENCE..... MALTA 1124000

SAMPLE DESCRIPTION AND COORDINATES

TEMPERATURE (C)..... 26.

WELL DEPTH (M)..... 336.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00319

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0081069

NAME OF SAMPLE SOURCE... LYLE DUFFEE

WELL/SPRING NUMBER..... 135-25E-22-HCH

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 135 025E 22 NW OF SW NW

LAT/LONG... 42-19.25 N 113-31.80 W

STATE..... IDAHO

MERIDIAN HOLE

COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 20
 MAP REFERENCE..... CONNER RIDGE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1966/09/00 RUSS
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 156.
 DISCHARGE..... 691. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.
 WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 238.
 ALKALINITY..... 77. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 147.
 TOTAL SUSPENDED SOLIDS... 127.

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CH.....		MG...	5.4	
AU....	CU.....		MO...		18.
B....	F.....	1.4	NA...	19.	
BA....	FE+3....		NA+K...	504...	13.
CA.... 22.	MCU3....	94.	NO3...	0.8	
CL.... 22.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... RUSS, 1971

RECORD 00320

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MARSH CREEK HOT SPRING
 WELL/SPRING NUMBER..... 115-25E-22-CDC

GEOTHERM FILE 101 0025236

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 18
 MAP REFERENCE..... ALBION 1124000

COORDINATES

LAT/LONG... 42-26.80 N 113-31.40 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40.
 DISCHARGE..... 37. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... RUSS, 1971

RECORD 00321

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MARSH GULLY HOT SPRING
 WELL/SPRING NUMBER..... 115-25E-22-DAD

GEOTHERM FILE 101 0025237

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 18
 MAP REFERENCE..... ALBION 1124000

COORDINATES

LAT/LONG... 42-26.94 N 113-30.67 W

MAP REFERENCE..... ALBION 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 41.
 DISCHARGE..... 37. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00322

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025258

NAME OF SAMPLE SOURCE... MERLE WOLVERTON WELL
 WELL/SPRING NUMBER..... 125-2UE-11-ADC

LOCATION

IDWYSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 125 020E 11 S+ OF SE NE
 STATE..... IDAHO
 COUNTY..... CASSIA

LAT/LONG... 42-21.34 N 114-04.24 W

MAP REFERENCE..... BUCKMONT, IDAHO 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 447.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00323

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0031027

NAME OF SAMPLE SOURCE... MORRIS MITCHELL WELL #1
 WELL/SPRING NUMBER..... 155-21E-25-COA 1

LOCATION

IDWYSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 155 021E 25 NE OF SE SW
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 20

LAT/LONG... 42-5.21 N 113-56.48 W

MAP REFERENCE..... BLUE HILL 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/04/22 MITCHELL
 TEMPERATURE (C)..... 45.
 DISCHARGE..... 34. L/MIN

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.
 OTHER SAMPLE INFORMATION.. FLOWING WELL.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

..... 8.7
 SPECIFIC CONDUCTANCE..... 415

ALKALINITY..... 207 AS CaCO3

TOTAL DISSOLVED SOLIDS... 306

CHARGE IMBALANCE (A DIFF.)... 4.8

ANALYSIS IN MU/L

AN...	CO3.....	11.			
AL...	CH.....		MO...	0.1	
AM...	CU.....		MO...	5102.	28.
AN...	F.....	2.4	VA...	110.	

ISOTOPES (0/00)

HA.... FE+3.... NA+K... 504.. 21.
 CA.... 2.0 HCO3.... 230. NO3.. 0.03
 CD.... H2S.... PO4.. 0.02
 CL.... 17.
 CO.... K.... 1.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00324

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025238

NAME OF SAMPLE SOURCE... MORRIS MITCHELL WELL #1
 WELL/SPRING NUMBER..... 155-21E-25-CDA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 155 021E 25 VE OF SE SW
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... BLUE HILL 1:24000
 LAT/LONG... 42-05.19 N 113-56.48 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00325

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025239

NAME OF SAMPLE SOURCE... MOUNTAIN VIEW RANCH INC.
 WELL/SPRING NUMBER..... 125-20E-03-CAC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 125 020E 03 SW OF NE SW
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... MILNER BUTTE 1:24000
 LAT/LONG... 42-24.39 N 114-06.05 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.
 WELL DEPTH (M)..... 204.
 DISCHARGE..... 4542 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... PIPER, 1923

RECORD 00326

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025240

NAME OF SAMPLE SOURCE... NELSON WELL
 WELL/SPRING NUMBER..... 145-21E-34-AAC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 145 021E 34 SW OF NE VE
 STATE..... IDAHO
 COUNTY..... CASSIA
 LAT/LONG... 42-10.12 N 113-58.38 W

GEOLOGIC PROVINCE.. 20
 MAP REFERENCE..... OAKLEY 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 43.
 WELL DEPTH (M)..... 299.
 DISCHARGE..... 3406. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHU DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00327

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0025234

NAME OF SAMPLE SOURCE... O.M. JOHNSON WELL
 WELL/SPRING NUMBER..... 115-28E-34-COD

LOCATION: TOWNSHIP-RANGE
 COUNTY..... UNITED STATES 115 040E 34 SE OF SE SW

COORDINATES
 LAT/LONG... 42-29.29 N 113-00.00 W

STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... STUBETT 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 113.
 DISCHARGE..... 22. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHU DEPT. OF WATER RESOURCES
 REFERENCE..... IDAHU DEPARTMENT OF WATER RESOURCES

RECORD 00328

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0025241

NAME OF SAMPLE SOURCE... OAKLEY CANAL CO. WELL #1

WELL/SPRING NUMBER..... 155-21E-13-DAB

LOCATION: TOWNSHIP-RANGE
 COUNTY..... UNITED STATES 155 021E 13 NW OF NE SE

COORDINATES
 LAT/LONG... 42-07.15 N 113-56.20 W

STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 20
 MAP REFERENCE..... OAKLEY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 37.
 WELL DEPTH (M)..... 326.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHU DEPT. OF WATER RESOURCES
 REFERENCE..... PIPER, 1923

RECORD 00329

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0081072

NAME OF SAMPLE SOURCE... OAKLEY HOT SPRINGS
 WELL/SPRING NUMBER..... 145-22E-27-DCH 19

LOCATION: TOWNSHIP-RANGE
 COUNTY..... UNITED STATES 145 022E -27 NW OF SW SE

COORDINATES
 LAT/LONG... 42-10.38 N 113-51.65 W

STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE... 20
 MAP REFERENCE..... BASIN 1124000
 SAMPLE DESCRIPTION AND CIRCUMSTANCES
 DATE/COLLECTOR..... 1972/26/10 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 47.
 DISCHARGE..... E 30. L/MIN
 PERTINENT LITHOLOGY..... PRE-TERTIARY QUARTZITE.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.6
 SPECIFIC CONDUCTANCE..... 421.
 ALKALINITY..... 84. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 295.
 CHARGE IMBALANCE (% DIFF.)... 2.0
 ANALYSIS IN MG/L

ISOTOPIES (0/00)

AG....	CO3....	29.				
AL....	CR....		MG....	N		
AI....	CU....		MO....		SI02.	74.
H....	F....	8.0	NA....	87.		
HA....	FE+3....		NA+K.		SO4..	22.
CA....	2.1	MC03....	43.	NO3..	0.04	
CO....		M2S....		PO4..	0.03	
CL....	53.					
CO....		K....	2.2			

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00330

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0025242

NAME OF SAMPLE SOURCE... OLD OAKLEY CANAL WELL #1
 WELL/SPRING NUMBER..... 155-21E-04-ACB
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... OAKLEY 1124000

COORDINATES

LAT/LONG... 42-09.24 N 114-00.00 W

SAMPLE DESCRIPTION AND CIRCUMSTANCES
 TEMPERATURE (C)..... 31.
 WELL DEPTH (M)..... 268.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIEGANEY, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00331

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0025243

NAME OF SAMPLE SOURCE... OLD OAKLEY CANAL WELL #2
 WELL/SPRING NUMBER..... 155-21E-04-ACB
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... OAKLEY 1124000

COORDINATES

LAT/LONG... 42-09.24 N 113-59.99 W

RECORD 00333

GEOHEM SAMPLE FILE

GEOTHERM FILE 101 0025249

NAME OF SAMPLE SOURCE... RAINBOW RANCH WELL #1
WELL/SPRING NUMBER..... 105-26E-02-HCB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 105 026E 02 NW OF SW NW

STATE..... IDAHO

COUNTY..... CASSIA

GEOLOGIC PROVINCE.. 18

MAP REFERENCE..... LAKE WILCUTT 1162500

LAT/LONG... 42-35.07 N 113-23.50 W

SAMPLE DESCRIPTION AND COMPOSITIONS

TEMPERATURE (C)..... 37.

WELL DEPTH (M)..... 249.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00334

GEOHEM SAMPLE FILE

GEOTHERM FILE 101 0025250

NAME OF SAMPLE SOURCE... RAINBOW RANCH WELL #2

WELL/SPRING NUMBER..... 105-26E-02-CBA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 105 026E 02 NE OF NW SW

STATE..... IDAHO

COUNTY..... CASSIA

MAP REFERENCE..... LAKE WILCUTT 1162500

LAT/LONG... 42-34.90 N 113-23.99 W

SAMPLE DESCRIPTION AND COMPOSITIONS

TEMPERATURE (C)..... 24.

WELL DEPTH (M)..... 170.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00335

GEOHEM SAMPLE FILE

GEOTHERM FILE 101 0081085

NAME OF SAMPLE SOURCE... DEED-STEWART WELL

WELL/SPRING NUMBER..... 155-26E-24-HAD1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 155 026E 24 SE OF NE NW

STATE..... IDAHO

COUNTY..... CASSIA

GEOLOGIC PROVINCE.. 20

MAP REFERENCE..... MAP 1124000

LAT/LONG... 42-06.46 N 113-21.86 W

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1975/07/24

TEMPERATURE (C)..... 32.

DISCHARGE..... 1506 L/MIN

DEPOSIT LITHOLOGY..... PLEISTOCENE SEDIMENTS.

LABORATORY ANALYSIS

DATE ANALYST..... U.S. GEOLOGICAL SURVEY

P4..... 7.3
 SPECIFIC CONDUCTANCE..... 2179.
 ALKALINITY..... 145.
 TOTAL DISSOLVED SOLIDS... 3399.
 CATION IMBALANCE (% DIFF.)... 1.1
 ANALYSIS IN MG/L

AS CAC03

AG....	CO3.....	N	MG....	6.3		
AL....	CR.....		MO....		5102.	47.
AJ....	CU.....		NA....	380.	504..	65.
R....	F.....	1.9	NAOK.			
HA....	FE+3....					
CA....	HC03....	177.				
CL....						
CO....	K.....	16.				

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

GEOHEM SAMPLE FILE

RECORD 00336

NAME OF SAMPLE SOURCE... RICE SPRING
 WELL/SPRING NUMBER..... 135-26E-17-COB

GEOHEM FILE 101 0025251

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE... 20
 MAP REFERENCE..... NIBBS CREEK 1124000

COORDINATES

LAT/LONG... 42-17.20 N 113-26.69 W

SAMPLE DESCRIPTION AND COMPOSITION

TEMPERATURE (C)..... 22.
 DISCHARGE..... 18 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... BLUEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... BOSS, 1971

GEOHEM SAMPLE FILE

RECORD 00337

NAME OF SAMPLE SOURCE... ROBERT PETERSON WELL #1
 WELL/SPRING NUMBER..... 125-19E-02-HBC

GEOHEM FILE 101 0025244

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE... MORTAUGH 1124000

COORDINATES

LAT/LONG... 42-24.90 N 114-12.49 W

SAMPLE DESCRIPTION AND COMPOSITION

TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 320.

REFERENCE AND IDENTIFICATION

COMPILED BY..... BLUEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00338

GEOTHERM FILE 101 0025245

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROBERT PETERSON WELL #2

WELL/SPRING NUMBER... 125-19E-03-B08

LOCATION

COUNTY... UNITED STATES

TOWNSHIP-RANGE

125 019E 03 NW OF SE NW

COORDINATES

LAT/LONG... 42-24.64 N 114-13.71 W

STATE... IDAHO

COUNTY... CASSIA

GEOLOGIC PROVINCE... 17

MAP REFERENCE... MURTAUGH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 27.

WELL DEPTH (M)... 247.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEKANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... BOSS, 1971

RECORD 00339

GEOTHERM FILE 101 0025246

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROBERT PETERSON WELL #3

WELL/SPRING NUMBER... 125-19E-03-B08

LOCATION

COUNTY... UNITED STATES

TOWNSHIP-RANGE

125 019E 03 NW OF SE NW

COORDINATES

LAT/LONG... 42-24.74 N 114-13.27 W

STATE... IDAHO

COUNTY... CASSIA

MAP REFERENCE... MURTAUGH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 27.

WELL DEPTH (M)... 213.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEKANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... BOSS, 1971

RECORD 00340

GEOTHERM FILE 101 0025247

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROBERT PETERSON WELL #4

WELL/SPRING NUMBER... 125-19E-03-B08

LOCATION

COUNTY... UNITED STATES

TOWNSHIP-RANGE

125 019E 03 NW OF NW SE

COORDINATES

LAT/LONG... 42-24.62 N 114-13.01 W

STATE... IDAHO

COUNTY... CASSIA

MAP REFERENCE... MURTAUGH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 27.

WELL DEPTH (M)... 240.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEKANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... BOSS, 1971

RECORD 00341

GEOTHERM FILE 101 0081082

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRGW WELL #1 (IVAN DARRINGTON)

WELL/SPRING NUMBER... 155-20E-23-AAA 1

LOCATION

COUNTRY... UNITED STATES

STATE... IDAHO

COUNTY... CASSIA

MAP REFERENCE... NAF 1124000

OTHER LOCALITY INFORMATION... LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION... 1975/10/23

TEMPERATURE (C)... 85

DISCHARGE... 40 L/MIN

PERTINENT LITHOLOGY... PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST...

U.S. GEOLOGICAL SURVEY

PH... 8.1

SPECIFIC CONDUCTANCE... 1879

ALKALINITY... 52

AS CaCO3

TOTAL DISSOLVED SOLIDS... 15

CHARGE IMBALANCE (B DIFF)... 4.6

ANALYSIS IN MG/L

AG... CO3... N

AL... CH...

AT... CU...

R... F... 9.1

HA... FE... 3

CA... 43... HCO3... 63

CL... 650... K... 37

CO... K... 37

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

COORDINATES

LAT/LONG... 42-06.62 N 113-22.42 W

ISOTOPES (0/00)

140... 1.0

140... 400

140... 400

140... 400

140... 400

140... 400

140... 400

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AL.... N	CR..... T	MG.... 0.76		
AS....	CS.....	MN.... 0.07		
AU....	CU..... T	MO....	SI02.. 102.	
H.... 0.2	F..... 5.4	NA.... 400.	SV.... V	
RA.... L 0.4	FE+3....	VA+K..	S04.... 61.	
ME.... L 0.002	FE(TOT).. 0.32	NB....	SR.... 1.4	
HI....	GA.....	NH4.... 2.0		
HR.... L 2.5	GE.....	NI.... 3.7	TI... T	
CA.... 57.	HCO3.... 45.	NO3.... 0.44		
CA+MG..	HG.....	PO.... T	V.... V	
CO.... N	H2S....	PO4.... 0.05		
CL.... 614.	I..... 0.036	RB....	ZN... V	
CO.... N	K..... 27.	S.... L 0.2		

GAS ANALYSIS

ANALYSIS IN ML/L

AR... 0.02
C2H4...
CO2... 0.5
H2... 0.28
HE... 0.02

N2... 51.
O2... 0.06

ISOTOPE (00/00)

OTHER ANALYTICAL DATA... SALINITY = 1715. PPM NA ABSORPTION=19.51 WATER P=0.0161 SI= 46.1 ZH = T1 SI (OH) 4=167.2
REFERENCE AND IDENTIFICATION
COMPILED BY..... SILVA, CHRISTOPHER L.
COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... COSYEN AND APPS. 1978; KUNZE. 1978

RECORD 00343

GEOCHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... RMGE 1 - ENDA, AEROJET NUCLEAR CO.

KWA,..... RAFT RIVER KWA

LOCATION

COUNTY..... IDAHO 155 026E 23.31

STATE..... IDAHO

COUNTY..... CASSIA

COORDINATES

SAMPLE DESCRIPTION AND CONDITIONS

SAMPLE NUMBER..... RAFT RIVER 1A

TEMPERATURE (C)..... 146. AT (M)..... 1521.

ELI DEPTH (M)..... 1521.

DISCHARGE..... 2441. L/MIN

PERTINENT LITHOLOGY..... RESERVOIR IN TUFF WITH INTERMITTENT INTERBEDDED SILTSTONE.

WATER ANALYSIS

ANALYSIS IN MG/L

AG....

AL....

AU....

H....

CA.... 51.

CL.... 403.

CO.... 0.03

K..... 25.

CO3..... N

CH.....

CU.....

F..... 5.4

HCO3.... 71.

K..... 25.

MG.... 1.9

MN....

MO....

NA.... 359.

VA....

SI02.. 91.

ISOTOPE (0/00)

GAS ANALYSIS

ANALYSIS IN ML/L

AR... 0.06

C2H4... 5.8

CO2... 0.53

N2... 32.

O2... 0.1

ISOTOPE (00/00)

ME 0.027
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNEN AND APPS, 1978; KUNZE, 1975B

RECORD 00344

GEOTHERM FILE ID: 0016668

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RMGE 1C
 KGHA..... RAFT RIVER KGHA
 LOCATION.....

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/02/06
 SAMPLE NUMBER..... RMGE 1C (NO. 60206-G)

GAS ANALYSIS

DATE/ANALYST..... 1976/02/10

ANALYSIS IN VOLUME %

ISOTOPES (00201)

AR... 1.7
 CH₄... 0.369

C₂H₆...CO₂... 7.2H₂... 0.049

HE... 0.148

N₂... 90.
 O₂... 0.459

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNEN AND APPS, 1978; MCATEE, 1977

RECORD 00345

GEOTHERM FILE ID: 0016669

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RMGE 1D
 KGHA..... RAFT RIVER KGHA
 LOCATION.....

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/02/06
 SAMPLE NUMBER..... RMGE 1D (NO. 1-60206-F)

GAS ANALYSIS

DATE/ANALYST..... 1976/02/10

ANALYSIS IN VOLUME %

ISOTOPES (00201)

AR... 1.4

CH₄... 0.22C₂H₆...CO₂... 4.5H₂... 0.025

HE... 0.082

N₂... 86.
 O₂... 1.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... COSNER AND APPS, 1978; *MCATEE, 1977*

RECORD 00346

GEOTHERM FILE 101 0016670

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PAGE 1E

KGRA..... RAFT RIVER KGRA

LOCATION..... TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION..... 1975/04/04

SAMPLE NUMBER..... PAGE 1E (NO. 1-50404-F)

TEMPERATURE (C)..... 97.

ANALYSIS

DATE/ANALYST..... 1975/04/07

P..... 7.14

TOTAL DISSOLVED SOLIDS... 1215.

CHARGE IMBALANCE (A DIFF.)... 5.8

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3....	L 2.	LI....	0.93		
AL....	CH....		MG....	3.9		
AS....	CS....		MN....	0.06		
AW....	CU....		MO....		SI02.	95.
BA....	F....	4.3	NA....	314.		
BB....	FE+3....		NA+K.		SO4..	61.
BF....	FE(TOT)...	0.05	NO....		SR...	1.1
BG....	GA....		NH4...	1.3		
BH....						
BI....						
BJ....						
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GI....						
GJ....						
GK....						
GL....						
GM....						
GN....						
GO....						
GP....						
GQ....						
GR....						
GS....						
GT....						
GU....						
GV....						
GW....						
GX....						
GY....						
GZ....						
HA....						
HB....						
HC....						
HD....						
HE....						
HF....						
HG....						
HH....						
HI....						
HJ....						
HK....						
HL....						
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HO....						
HP....						
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HR....						
HS....						
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HU....						
HV....						
HW....						
HX....						
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IV....						
IW....						
IX....						
IY....						
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JA....						
JB....						
JC....						
JD....						
JE....						
JF....						
JG....						
JH....						
JI....						
JJ....						
JK....						
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JM....						
JN....						
JO....						
JP....						
jq....						
JR....						
JS....						
JT....						
JU....						
JV....						
JW....						
JX....						
JY....						
JZ....						
KA....						
KB....						
KC....						
KD....						
KE....						
KF....						
KG....						
KH....						
KI....						
KJ....						
KK....						
KL....						
KM....						
KN....						
KO....						
KP....						
KQ....						
K						

CO2... 15.
H2... N
HE... 0.07
02... 0.25

OTHER ANALYTICAL DATA... GAS: SO2=M
REFERENCE AND IDENTIFICATION

COMPILED BY... SILVA, CHRISTOPHER L.
COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00348

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0016672

NAME OF SAMPLE SOURCE... BRGE 1G

KGRA... RAFT RIVER KGRA

LOCATION

IDANSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES

STATE... IDAHO

COUNTY... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1975/03/23

SAMPLE NUMBER... BRGE 1G (NO. 1-50323-B)

WATER ANALYSIS

DATE ANALYST... 1975/03/24

TOTAL DISSOLVED SOLIDS... 1319

CHANGE IN BALANCE (X DIFF)... 2.1

ANALYSIS IN PPM

AG...	CO3...	N	LI...	1.1		
AL...	CR...		MG...	1.9		
AS...	CS...		MN...	0.08		
AU...	CU...		MO...			
H...	F...	5.5	NA...	368.	SI02.	92.
HA...	FE...		NA+K...		SO4...	63.
HE...	FE(TOT)...	3.2	NH...		SR...	1.3
HI...	GA...		NH4...	4.5		
HO...	GE...		VI...	3.5		
CA...	MC03...	87.	VO3...	0.19		
CL...	I...	0.035				
CO...	K...	25.	S...	L 0.2		

ISOTOPIES (O/001)

OTHER ANALYTICAL DATA

REFERENCE AND IDENTIFICATION

COMPILED BY... SILVA, CHRISTOPHER L.
COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00349

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0016673

NAME OF SAMPLE SOURCE... BRGE 1H

KGRA... RAFT RIVER KGRA

LOCATION

IDANSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES

STATE... IDAHO

COUNTY... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1975/03/17

SAMPLE NUMBER... BRGE 1H (NO. 1-50317-C)

WATER ANALYSIS

DATE/ANALYST..... 1975/03/18

TOTAL DISSOLVED SOLIDS... 1612.

CHANGE IN BALANCE (± DIFF.)... 4.9

ANALYSIS IN PPM

ISOTOPES (0/001)

AG....	CO3....	22.	LI....	1.8		
AL....	CR....		MG....	0.32		
AU....	CU....		MO....		5102.	145.
HA....	F....	7.1	NA....	543.		
HA.... L 0.4	FE+3....		NA+K....		504..	54.
HE.... L 0.0002	FE(TQT)....	0.4	NH....		SR....	2.
HI....	GA....		NH4....	1.8		
HR.... L 2.5						
CA....	HCO3....	23.	NO3..	0.4		
CL....	I....	0.039				
CO....	K....	34.	S....	L 0.2		

OTHER ANALYTICAL DATA... WATER: P=0.0129 SI=61.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... COSNEN AND APPS. 1978; MCATEE. 1977

RECORD 00350

GEOCHEM. SAMPLE FILE

NAME OF SAMPLE SOURCE... RAGE II

KGRA..... RAFT RIVER KGRA

GEOCHEM FILE NO: 0016674

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION..... 1975/02/10

SAMPLE NUMBER..... RAGE II (NO. 1-50210-D)

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1614.

CHANGE IN BALANCE (± DIFF.)... 4.1

ANALYSIS IN PPM

ISOTOPES (0/001)

AG....	CO3....		LI....	1.4		
AL....	CR....		MG....	3.		
AU....	CU....		MO....		5102.	109.
HA....	F....	6.2	NA....	456.		
HA.... L 0.5	FE+3....		NA+K....		504..	62.
HE.... L 0.005	FE(TQT)....		NH....		SR....	1.6
HI....	GA....		NH4..	L 0.2		
HR.... L 1.						
CA....	HCO3....	71.	NO3..	L 0.5		
CL....	I....	0.17				
CO....	K....	29.	S....	L 0.2		

OTHER ANALYTICAL DATA... WATER: SI=64.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... COSNEN AND APPS. 1978; MCATEE. 1977

RECORD 00351

GEOTHERM FILE 101 0016678

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRGE 2
KGRA..... RAFT RIVER KGRA

LOCATION..... TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/06/03

SAMPLE NUMBER..... RRGE 2D (NO. 2-50603-B)

POINT OF COLLECTION... WEILHEAD

WELL DEPTH (M)..... 1465.

WATER ANALYSIS

DATE/ANALYST..... 1975/06/04

PH..... 7.38

TOTAL DISSOLVED SOLIDS... 1596.

CHARGE IMBALANCE (A DIFF.)... 6.0

ANALYSIS IN PPM

AG....	CO3....	LI....	1.3
AL....	CP....	MG....	1.8
AS....	CS....	MN....	0.06
AU....	CU....	MO....	
BA....	F....	NA....	462.
BR....	FE+3....	NO....	
CA....	FE(TOT)....	NI....	0.9
CL....	GE....		
CO....	HCO3....		
	I....		
	K....		
	LA....		
	MG....		
	NA....		
	NO....		
	NI....		
	PO4....		
	SI....		
	SO4....		
	SR....		
	TH....		
	U....		
	V....		
	W....		
	X....		
	Y....		
	Z....		

ISOTOPES (O/OM)

SI02..	136.
SO4..	54.
SR..	1.4

OTHER ANALYTICAL DATA... WATER P=0.011

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... CUSNER AND APPS, 1978; MCATEE, 1977

RECORD 00352

GEOTHERM FILE 101 0016679

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRGE 2

KGRA..... RAFT RIVER KGRA

LOCATION..... TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/07/09

SAMPLE NUMBER..... RRGE 2E (NO. 2-50709-D)

POINT OF COLLECTION... WEILHEAD

TEMPERATURE (C)..... 69.

OTHER SAMPLE INFORMATION... SAMPLE UNFILTERED

WATER ANALYSIS

PH..... 7.46

TOTAL DISSOLVED SOLIDS... 1161.

CHARGE IMBALANCE IS DIFF-1... 2.3
ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3....	LI...	1.0		
AL....	CR....	MG...	0.4		
AU....	CU....	MO...		5102.	84.
H.... 2.	F.... 8.7	NA...	395.		
HA.... L 4.	FE+3...	NA+K.		504..	58.
HE.... L 0.001	FE(TOT).	VB...		SR...	1.0
HI....	GA....	VMA...	0.43		
HR.... L 1.5	GE....	NI...	0.2		
CA.... 37.	HCO3.... 59.				
CL.... 644.	I.... 0.012				
CO....	K.... 42.	S.... L 0.1			

OTHER ANALYTICAL DATA... WATER: P=0.21 SI=43.1 ZH=0.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... COSNEN AND APPS. 1978; MCATEE, 1977

RECORD 00353

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0016675

NAME OF SAMPLE SOURCE... RAGE 2A-ENDA AEROJET NUCLEAR COMPANY

KGRA,..... RAFT RIVER KGRA

LOCATION

IONOSPHERE-RANGE

COORDINATES

COUNTRY..... UNITED STATES 155 026E 23

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

SAMPLE NUMBER..... RAFT RIVER 2A

TEMPERATURE (C)..... 147. AT (M)..... 1825.

WELL DEPTH (M)..... 1825.

DISCHARGE..... 7028. L/MIN

PERMIT LITHOLOGY..... PRODUCTION INTERVAL IN SAND AND GRAVEL, CALCAREOUS TUFF, QUARTZITE WITH MINOR SCHIST.

ANALYSIS

TOTAL DISSOLVED SOLIDS... 2000.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3.... N				
AL....	CH....	MG...	0.1		
AU....	CU....	MO...		5102.	170.
H....	F.... 7.6	VA...	389.		
CA.... 18.	HCO3.... 42.				
CL.... 661.					
CO....	K.... 35.				

GAS ANALYSIS

ANALYSIS IN ML/L

ISOTOPES (00/01)

CH4...	0.79	42...	23.
CO2...	1.5	02...	0.042
HE...	0.023		

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... COSNEN AND APPS. 1978; KUNZE, 1975B

COP... 0.38
H2... 0.049

OZ... 18.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... COSYEN AND APPS. 1978; MCATEE, 1977

RECORD 00356

GEOTERM. SAMPLE FILE

GEOTERM FILE 101 0016682

NAME OF SAMPLE SOURCE... HWGE 2F

KGRA,..... RAFT RIVER KGRA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1975/10/16

SAMPLE NUMBER..... HWGE 2H (NO. 2-51016-U)

TEMPERATURE (C)..... 126.

WATER ANALYSIS

PH..... 6.96

ANALYSIS IN PPM

ISOTOPES (U/D)

AG....	CO3....	LI....	1.1		
AL....	CR....	MG....	0.038		
AS....	CS....	MN....	0.55		
AU....	CU....	MO....		5102.	87.
H....	F....	NA....	408.		
HA.... L 4.					
HF....	FE (TOT)....	NB....		SR....	0.9
HI....	GA....	NH4....	1.2		
HR....	GE....	NI....	0.66		
CA.... 28.	HCO3.... 3A.				
CL.... 678.					
CO....	K.... 36.				

OTHER ANALYTICAL DATA... WATER: P= 0.021 SI= 60.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... COSYEN AND APPS. 1978; MCATEE, 1977

RECORD 00357

GEOTERM. SAMPLE FILE

GEOTERM FILE 101 0016680

NAME OF SAMPLE SOURCE... HWGE 2U

KGRA,..... RAFT RIVER KGRA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1975/01/21

SAMPLE NUMBER..... HWGE 2F (NO. 2-50721-C)

POINT OF COLLECTION... MELLMEAD

OTHER SAMPLE INFORMATION... SAMPLE UNFILTERED.

WATER ANALYSIS

P..... 6.93
 CHARGE IMBALANCE (A DIFF.)... 1.2
 ANALYSIS IN PPM

AG....	CO3....	LI...	1.0
AL....	CR....	MG...	0.1
AS....	CS....	MN...	0.2
AIU....	CU....	MO...	
HA.... L 4.	F..... 7.2	NA...	397.
HF.... L 0.001	FE+3....	NA+K...	54.
HI....	FE(TOT)...	NB...	1.1
HR.... L 1.5	GA.....	NH4...	0.56
CA.... 37.	HCO3.... 38.		
CL.... 648.	I..... 0.04		
CO....	K..... 33.		

ISOTOPES 10/001

SI02. 114.

S04. 54.
SR... 1.1

OTHER ANALYTICAL DATA... WATER P= 0.0161 SI = 60.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA CHRISTOPHER L.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNEN AND APPS. 1978; MCATEE, 1977

RECORD 00358

GEOTHERM FILE 101 0016681

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RUGE 2H

SGRA..... RAFT RIVER KGRA

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/07/24

SIMPLE NUMBER..... RUGE 2G (NO. 2-50724-E)

POINT OF COLLECTION... WELLMHEAD

TEMPERATURE (C)..... 128.

WELLHEAD PRESSURE (KG/CM2)..... 7.7

WATER ANALYSIS

SPECIFIC GRAVITY..... 0.998

CHARGE IMBALANCE (A DIFF.)... 16.0

ANALYSIS IN PPM

AG....	CO3....	LI...	1.
AL....	CR....	MG...	0.2
AS....	CU....	MO...	
HA.... L 4.	F..... 9.	NA...	394.
HF.... L 0.001	FE+3....	NA+K...	54.
HI....	FE(TOT)...	NB...	1.
HR....	GA.....	NH4...	0.22
CA.... 38.	GE.....	NI...	0.4
CL.... 648.	HCO3.... 45.		
CO....	I..... 0.01		
	K..... 34.		

ISOTOPES 10/001

SI02. 190.

S04. 54.
SR... 1.

OTHER ANALYTICAL DATA... WATER P= 0.011 SI=71.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA CHRISTOPHER L.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNEN AND APPS. 1978; MCATEE, 1977

RECORD 00359

GEOTHERM FILE 101 0016683

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRG 3 - ERDA
KRA,..... RAFT RIVER KRA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

SAMPLE NUMBER..... RRG 3A
POINT OF COLLECTION... WEILHEAD
TEMPERATURE (C)..... 147.
WELL DEPTH (M)..... 1809.
DISCHARGE..... 1028. L/MIN

WATER ANALYSIS

CHARGE IMBALANCE (X DIFF.)... 7.7

ANALYSIS IN PPM

ISOTOPE (O/001)

AG....	CO3....	LI....	3.1		
AL....	Fe....	NA....	1156.		
HA....	FE+3....	NA+K....		504..	32.
HE....	Fe(TOT)....	NB....		SR....	6.4
HI....	GA....	NH4....	0.47		
CA....	193. HCO3....		53.		
CL....	2001. I....		0.24		
CO....	K....		91.		

OTHER ANALYTICAL DATA... WATER: SI(0H)4 = 193.1 SI = 67.1 P = 0.25

DISTRIBUTION FIELD... TEMPERATURE MEASURED AT WEILHEAD

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNEN AND APPS. 1978; ALLEN, 1977; KUNZE, 1976

RECORD 00360

GEOTHERM FILE 101 0016684

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PAGE 3B
KRA,..... RAFT RIVER KRA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1976/04/11
SAMPLE NUMBER..... RRG 3B (NO. 1-60611)
TEMPERATURE (C)..... 147.

WATER ANALYSIS

DATE ANALYSIS..... 1976/04/16

TOTAL DISSOLVED SOLIDS... 6.80

CHARGE IMBALANCE (X DIFF.)... 1.1

ANALYSIS IN PPM

ISOTOPE (O/001)

AG....	CO3....	LI....	3.9		
AL....	CH....	NB....	2.7		
HA....	CU....			5102.	114.

H.....	F.....	4.4	NA...	1790.		
HA.....	FE+3....		NA+K..		504..	67.
HF.....	FE(TOT)..		NH....		SR...	8.7
HI.....	GA.....		NH4...	0.15		
CA.....	MC03....	41.				
CL.....						
CO.....	K.....	43.				

OTHER ANALYTICAL DATA... WATER: SI = 42.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... COSNER AND APPS, 1978; *MCATEE, 1977*

RECORD 00361

GEOCHEM. SAMPLE FILE

NAME OF SAMPLE SOURCE... RRG JC

GEOTHERM FILE 101 0016685

KONA..... RAFT RIVER KGRA

LOCATION

LONGSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/04/15

SAMPLE NUMBER..... RRG JC (NO. 3-60415)

WATER TREATMENT..... DILUTED WITH 9 VOLUMES OF DEMINERALIZED WATER.

WATER ANALYSIS

DATE/ANALYST..... 1976/04/16

TOTAL DISSOLVED SOLIDS... 670

CHARGE IMBALANCE (A DIFF.)... 1.1

ANALYSIS IN PPM

ISOTOPES 10/001

AG.....	CO3.....	4	LI...	4.2		
AL.....	CA.....		MO...	2.1		
AU.....	CU.....		NO...		5102.	81.
A.....	F.....	4.5	NA...	1940.		
HA.....	FE+3....		NA+K..		504..	61.
HF.....	FE(TOT)..		NH....		SR...	14.
HI.....	GA.....		NH4...	1.0		
CA.....	MC03....	33.				
CL.....						
CO.....	K.....	46.				

OTHER ANALYTICAL DATA... WATER: SI = 46.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.

COMPIILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... COSNER AND APPS, 1978; *MCATEE, 1977*

RECORD 00362

GEOCHEM. SAMPLE FILE

NAME OF SAMPLE SOURCE... RRG JC

GEOTHERM FILE 101 0016686

KONA..... RAFT RIVER KGRA

LOCATION

LONGSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1976/05/26
 SAMPLE NUMBER..... RRG 30
 TEMPERATURE (C)..... 134.

ANALYSIS

DATE/ANALYST..... 1976/05/27
 SPECIFIC CONDUCTANCE..... 9063.
 CHANGE IN BALANCE (A DIFF.).... 6.9
 ANALYSIS IN PPM

AG.....	CO3.....	N	LI.....	3.1		
AL.....	CA.....		MG.....	0.9		
AU.....	CU.....		MO.....		5102.	149.
HA.....	F.....	N	NA.....	1193.		
HA.....	FE+3.....		NA+K.....		504.	31.
HF.....	FE(TOT).....		NH.....		5R.....	7.2
HI.....	GA.....		NH4.....	N		
HR.....	GE.....		NI.....	N		
CA.....	MCO3.....	56.				
CL.....	I.....	N				
CO.....	K.....	88.				

ISOTOPES (U/OM)

OTHER ANALYTICAL DATA... WATER: PPM: SI = 72.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNEN AND APPS. 1978; MCATEE, 1977.

RECORD 00363

421

GEOGRAPHIC SAMPLE FILE

GEOGRAPHIC FILE 101 0016587

NAME OF SAMPLE SOURCE... RRG 3E
 AGRA..... RRG 3E

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/06/14
 SAMPLE NUMBER..... RRG 3E
 TEMPERATURE (C)..... 138.

ANALYSIS

DATE/ANALYST..... 1976/06/17
 SPECIFIC CONDUCTANCE..... 11000.
 ANALYSIS IN PPM

AG.....	CO3.....		LI.....	3.		
AL.....	CA.....		MG.....	0.5		
AU.....	CU.....	0.04	MO.....		5102.	159.
HA.....	F.....	N	NA.....	1200.		
HA.....	FE(TOT).....		NH.....		5R.....	7.
HF.....	GA.....		NH4.....	N		
HI.....	GE.....		NI.....	N		
HR.....	MCO3.....	45.				
CA.....	I.....	N				
CL.....	K.....	100.				
CO.....						

ISOTOPES (U/OM)

OTHER ANALYTICAL DATA... WATER: PPM: SI = 69.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNEN AND APPS. 19781 *MCATEE. 1977*

RECORD 00364

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0001068

NAME OF SAMPLE SOURCE... RUBY FARMS (J.H. SIMPLOT) WELL

WELL/SPRING NUMBER..... 115-27E-34-000 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 115 027E 34 SE OF SE SE

STATE..... IDAHO MERID: BOISE

COUNTY..... CASSIA

GEOL. IC PROVINCE... 1H

MAP REFERENCE..... MALTA NE 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/08/00 ROSS

TEMPERATURE (C)..... 39.

WELL DEPTH (M)..... 352.

DISCHARGE..... 9512. L/MIN

PERMEANT LITHOLOGY..... QUATERNARY SEDIMENTARY ROCKS.

WATER ANALYSIS

DATE/ANALYST..... ROSS REPORT

SPECIFIC CONDUCTANCE..... 8.3

ALKALINITY..... 1100.

TOTAL DISSOLVED SOLIDS... 225. AS CaCO3

CHARGE: IMBALANCE (X DIFF).... 67.6

ANALYSIS IN MU/L

ISOTOPES (D/001)

AG....	CO3....	2.0	MG....	9.5		
AL....	CR....		MO....	5102.	59.	
AU....	CI....		NA....	212.		
HA....	FE....	4.4	NAOK.	504..	17.	
CA....	MC03....	270.	NU3..	0.1		
CI....						
CO....		4.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00365

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0001073

NAME OF SAMPLE SOURCE... SEAMS SPRINGS

WELL/SPRING NUMBER..... 145-25E-06-000 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 145 025E 06 NW OF NW NW

STATE..... IDAHO MERID: BOISE

COUNTY..... CASSIA

GEOL. IC PROVINCE... 20

MAP REFERENCE..... ELHA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/04/05 YOUNG AND MITCHELL

TEMPERATURE (C)..... 28.
 DISCHARGE..... 662. L/MIN
 PERCENT LITHOLOGY..... PRE-TERTIARY UNDIFFERENTIATED ROCKS.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P1..... 8.2
 SPECIFIC CONDUCTANCE..... 210.
 ALKALINITY..... 48. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 165.
 CHARGE IMBALANCE (± DIFF.)... 2.5
 ALUMINUM IN MG/L

ISOTOPES (0/00)

AG....	CO3....	N	MG....	7.5		
AL....	CR....		MO....		5132.	22.
AU....	CU....		NA....	15.		
BA....	F....	0.4	NA+K.		504..	10.
BR....	FE+3....					
CA....	MG03....	120.				
CL....						
CO....	K....	3.3				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 CHAPTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00366

GEOTHERM FILE 101 0025212

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SIMON MAKER WELL
 WELL/SPRING NUMBER..... 125-21E-32-CCH
 LOCATION..... IDAHO-SHIPLE-RANGE
 COUNTY..... UNITED STATES 125 021E 32 NW OF SW SW
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... BUCKHORN CANYON 1124000

COORDINATES

LAT/LONG... 42-20.02 N 114-01.74 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 76.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGAYETA, KIM M.
 CHAPTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00367

GEOTHERM FILE 101 0025214

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SIMON MAKER WELL #2
 WELL/SPRING NUMBER..... 135-21E-06-AAO
 LOCATION..... IDAHO-SHIPLE-RANGE
 COUNTY..... UNITED STATES 135 021E 06 SE OF NE NE
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... BUCKHORN CANYON 1124000

COORDINATES

LAT/LONG... 42-19.59 N 114-01.75 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.7
 WELL DEPTH (M)..... 164.
 REFERENCE AND IDENTIFICATION

GEUTHERM FILE 103 0081064

COOKUINAITS

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1974-75 - 1975-76

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1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
  
 103. *Chlorophyll axz* (Chl *axz*)
 104. *Chlorophyll ayz* (Chl *ayz*)
 105. *Chlorophyll ayz* (Chl *ayz*)
 106. *Chlorophyll azz* (Chl *azz*)
 107. *Chlorophyll azaa* (Chl *aza*)
 108. *Chlorophyll abz* (Chl *abz*)
 109. *Chlorophyll acz* (Chl *acz*)
 110. *Chlorophyll adz* (Chl *adz*)
 111. *Chlorophyll aez* (Chl *aez*)
 112. *Chlorophyll afz* (Chl *afz*)
 113. *Chlorophyll agz* (Chl *agz*)
 114. *Chlorophyll ahz* (Chl *ahz*)
 115. *Chlorophyll aiz* (Chl *aiz*)
 116. *Chlorophyll ajz* (Chl *ajz*)
 117. *Chlorophyll akz* (Chl *akz*)
 118. *Chlorophyll alz* (Chl *alz*)
 119. *Chlorophyll amz* (Chl *amz*)
 120. *Chlorophyll anz* (Chl *anz*)
 121. *Chlorophyll aoz* (Chl *aoz*)
 122. *Chlorophyll apz* (Chl *apz*)
 123. *Chlorophyll aqz* (Chl *aqz*)
 124. *Chlorophyll arz* (Chl *arz*)
 125. *Chlorophyll asz* (Chl *asz*)
 126. *Chlorophyll atz* (Chl *atz*)
 127. *Chlorophyll auz* (Chl *auz*)
 128. *Chlorophyll avz* (Chl *avz*)
 129. *Chlorophyll awz* (Chl *awz*)
 130. *Chlorophyll axz* (Chl *axz*)
 131. *Chlorophyll ayz* (Chl *ayz*)
 132. *Chlorophyll ayz* (Chl *ayz*)
 133.

GEUTHERM FILE 101 0081065

1. *Integrating the data*

1990

COMULVATS

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OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION..... 1975/08/05 SHAWSON
 TEMPERATURE..... 12.
 DISCHARGE..... 4220. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY BASALT AND ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.9
 SPECIFIC CONDUCTANCE..... 310.
 ALKALINITY..... 117. AS CaCO₃
 TOTAL DISSOLVED SOLIDS..... 5095.
 CHARGE IMBALANCE (% DIFF.)... 1.1

ANALYSIS IN MG/L

AG....	CO ₃	N			
AL....	Ca....		MG....	0.5	
AU....	CU....		MO....		5102. 46.
H....	F....	1.6	NA....	34.	
HA....	FE+3....		NA+K....		504.. 29.
CA.... 31.	MG+3....	143.			
CL.... 5.9					
CO....	K....	3.6			

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE U.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00370

GEOTHERM FILE 101 0025220

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEVEN CLARK WELL

WELL/SPRING NUMBER..... 125-21E-28-CCH

LOCATION

COUNTRY..... UNITED STATES 125 021E 28. 14 OF SW SW

STATE..... IDAHO

COUNTY..... CASSIA

MAP REFERENCE..... HUCKLEBERRY CANYON 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 348.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDGEMAN, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00371

GEOTHERM FILE 101 0081075

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STOKER WELL

WELL/SPRING NUMBER..... 115-27E-36-AUA

LOCATION

COUNTRY..... UNITED STATES 115 027E 36 NE OF SE NE

STATE..... IDAHO

COUNTY..... CASSIA

MAP REFERENCE..... SUMMIT 1162500

SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES

LAT/LONG... 42-25.53 N 113-14.17 W

DATE/COLLECTOR..... 1966/05/00 ROSS
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 183.
 PERTINENT LITHOLOGY..... QUATERNARY SEDIMENTARY ROCKS.
 WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... 1.7
 SPECIFIC CONDUCTANCE..... 499
 ALKALINITY..... 117. AS CaCO_3
 ANALYSIS IN MG/L
 AG..... CO_3 N
 AU..... CU.....
 H..... F.....
 CA..... HCO_3 216. NO... 16. SIO₂... 66.
 CL..... N

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... 0055, 1971

GEOGRAPHIC SAMPLE FILE

NAME OF SAMPLE SOURCE... THUMAN WILLIS WELL
 WELL/SPRING NUMBER..... 125-19E-07-ACA
 LOCATION
 COUNTY..... UNITED STATES LONGSHIP-RANGE
 STATE..... IDAHO 125 019E 07 NE OF SW NE
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE... 17
 MSP REFERENCE..... STRICKER BUTTE 1124000

RECORD 00372

GEOTHERM FILE ID: 0025257

COORDINATES

LAT/LONG... 42-23.93 N 114-16.34 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 34.
 WELL DEPTH (M)..... 234.
 DISCHARGE..... 5621. L/MIN
 REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00373

GEOTHERM FILE ID: 0015285

COORDINATES

LAT/LONG... 42-05.07 N 113-56.30 W
 UTM ZONE... 12
 NORTHING... 4663123.
 EASTING... 256959.

GEOGRAPHIC SAMPLE FILE

NAME OF SAMPLE SOURCE... INNAMED ARTESIAN WELL
 WELL/SPRING NUMBER..... 155-021E-25-COC1
 LOCATION
 COUNTY..... UNITED STATES LONGSHIP-RANGE
 STATE..... IDAHO 155 021E 25 SE OF SW
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE... 20
 MSP REFERENCE..... BLUE HILL 1124000

DATE/COLLECTOR..... 1977/04/22 ANDERSON, K.
 DATE OF COLLECTION... ARTESIAN WELL HEAD
 TEMPERATURE (C)..... 44.2
 WATER TREATMENT..... 2FA FU FU NO HC 6 HOTYLE SAMPLE

WATER ANALYSIS
 pH..... 7.5
 SPECIFIC CONDUCTANCE..... 475.
 ALKALINITY..... 190.
 TOTAL DISSOLVED SOLIDS..... 307.
 CHARGE IMBALANCE (A DIFF.)..... 4.5

AS CAC03

ISOTOPE5 (0/001)

ANALYSIS IN MG/L
 AG..... CO3..... 11. LI..... 0.08
 AL..... CR..... MG..... 0.1
 AS..... 0.008 CU..... MU..... 5102. 20.
 AU..... 0.00 F..... 2.4 NA..... 110. 504.. 21.
 H..... FE+3..... NAOK.....
 HA..... MC03..... 230.
 CA..... 2. MG..... N
 CA+G..... H2S..... PO4.. 0.02
 CO.....
 CL..... 17. K..... 1.8
 CO.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILED AFFILIATION... IDAHO DEPT. WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00374

GEOTHERM FILE 101 0081080

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED RLY WELL
 WELL/SPRING NUMBER..... 155-20E-12-ACC 1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 20
 MAP REFERENCE..... BRIDGE 1124000

UNUSUAL RANGE

155-20E 12 SW OF SW VE
 MENIUS HOUSE

COORDINATES

LAT/LONG... 42-08.01 N 113-21.72 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1974/12/05
 TEMPERATURE (C)..... 28.

PARENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 pH..... 7.5
 SPECIFIC CONDUCTANCE..... 498.
 ALKALINITY..... 40.
 TOTAL DISSOLVED SOLIDS... 6636.
 CHARGE IMBALANCE (A DIFF.)... 2.8

AS CAC03

ISOTOPE5 (0/001)

ANALYSIS IN MG/L
 AG..... CH..... MO..... 1.0
 AL..... CR..... MU..... 5102. 00.
 H..... F..... 3.4 NA..... 2000. 504.. 45.
 HA..... FE+3..... NAOK.....
 CA..... 300. MC03..... 50.
 CA+G..... 3700.
 CO..... K..... 270.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00375

GEOTHERM FILE 101 0081088

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED ALM WELL
WELL/SPRING NUMBER..... 165-26E-05-HB81
LOCATION:

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 165 026E 05 NE OF NW NW
STATE..... IDAHO MERID: BOISE

LAT/LONG... 42-04.03 N 113-26.81 W

COUNTY..... CASSIA

GEOLOGIC PROVINCE.. 20

MAP REFERENCE..... CHOCHEMERRY CANYON 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1975/03/25

TEMPERATURE (C)..... 40.

WELL DEPTH (M)..... 80.

DISCHARGE..... 151. L/MIN

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....

SPECIFIC CONDUCTANCE..... 6.9 1539.

ALKALINITY..... 113.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 853.

CHARGE BALANCE (B DIFF.)... 1.9

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG.....	CO3.....	N				
AL.....	CO.....	MG.....	9.0			
AU.....	CU.....	MO.....		5102.	37.	
HA.....	F.....	NA.....	240.			
MA.....	FE.....	NAK.....		504..	44.	
CA.....	HCO3.....		134.			
CL.....			380.			
CO.....	K.....		13.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00376

GEOTHERM FILE 101 0081079

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED ALM WELL
WELL/SPRING NUMBER..... 155-29E-29-CDC1
LOCATION:

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 155 025E 29 SW OF SE SW
STATE..... IDAHO MERID: BOISE

LAT/LONG... 42-04.97 N 113-33.74 W

COUNTY..... CASSIA

GEOLOGIC PROVINCE.. 20

MAP REFERENCE..... JIM SAGE CANYON 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1974/10/07

TEMPERATURE (C)..... 40.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY (?)

P..... 8.9

SPECIFIC CONDUCTANCE..... 540.

ALKALINITY..... 87.

TOTAL DISSOLVED SOLIDS..... 376.

CHARGE IMBALANCE (A DIFF.)..... 3.9

ANALYSIS IN MU/L

AG..... CO3..... 20.

AL..... CU.....

AU..... CU.....

H..... F..... 7.6

HA..... FE+3.....

CA..... 3.0 MC03..... 65.

CL..... 82.

C..... K..... 3.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENMAN, GEORGE O.

COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

ISOTOPES (0/001)

RECORD 00377

GEOTHERM FILE 101 0081087

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE..... UNNAMED RLM WELL

WELL/SPRING NUMBER..... 155-26E-25-ACAI

LOCATION

COUNTRY..... UNITED STATES 155 026E 25 VE OF S+ VE

STATE..... IDAHO MENIDU BOISE

COUNTY..... CASSIA

MAP REFERENCE..... NAF 1324000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1975/01/16

TEMPERATURE (C)..... 70.

DISCHARGE..... A3. L/MIN

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.7

SPECIFIC CONDUCTANCE..... 1949.

ALKALINITY..... 146.

TOTAL DISSOLVED SOLIDS..... 1222.

CHARGE IMBALANCE (A DIFF.)..... 3.8

ANALYSIS IN MU/L

AG..... CO3.....

AL..... CU.....

AU..... CU.....

H..... F..... 2.8

HA..... FE+3.....

CA..... 55. MC03..... 176.

CL..... 54.

C..... K..... 34.

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENMAN, GEORGE O.

COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES

LAT/LONG... 42-05.54 N 113-21.53 W

RECORD 00378

GEOTHERM FILE 101 0081081

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED HLM WELL

WELL/SPRING NUMBER... 155-26E-22-000 1

LOCATION

IDWSSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 155 026E 22 SE OF SE SE

STATE... IDAHO MENIOT HOUSE

COUNTY... CASSIA

MAP REFERENCE... CHOCOMA CANYON 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION... 1974/12/06

TEMPERATURE (C)... 82

WELL DEPTH (M)... 443

DISCHARGE... 189 L/MIN

PERCENT LITHOLOGY... QUATERNARY ALLUVIUM

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

pH... 8.6

SPECIFIC CONDUCTANCE... 6604

ALKALINITY... 52 AS CaCO3

TOTAL DISSOLVED SOLIDS... 3514

CHARGE IMBALANCE TO DIFF. 1... 1.6

ANALYSIS IN MG/L

ISOTHERMS (0/001)

AL...	CR...	MG...	0.5		
AU...	CU...	MO...		5102	50
HA...	FE...	NA...	1300		
CA...	MCQ3...	NA+K...		504	52
CL...					
CO...					

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00379

GEOTHERM FILE 101 0001511

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED HLM WELL IN UPPER RAFT RIVER VALLEY

WELL/SPRING NUMBER... 155-26E-25-ACA1

LOCATION

IDWSSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 155 026E 25 NE OF SW NE

STATE... IDAHO MENIOT HOUSE

COUNTY... CASSIA

MAP REFERENCE... NAF 112-000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION... 1975/01/14 U.S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)... 70.0

WELL DEPTH (M)... 246

DISCHARGE... 83 L/MIN

SAMPLE INFORMATION... INTERVAL SAMPLED 190.-190. M

WATER ANALYSIS

DATE/ANALYST... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

pH... 7.7

SPECIFIC CONDUCTANCE..... 1950.
ALKALINITY..... 144.
TOTAL DISSOLVED SOLIDS... 1230.
CHARGE IMBALANCE (3 DIFF.)... 1.5
ANALYSIS IN MG/L

AS CAC03

ISOTOPES (0/00)

AG....	CO3.....	N	LI....	0.64		
AL....	CR.....		MG....	3.9		
AS.... 0.007	CS.....		MN....	0.19	SE... N	
AU....	CU.....		MO....		SI02..	88.
H.... 0.21	F.....	2.8	NA....	370.		
HA.... 0.1	FE+3....	0.03	NA+K..		SO4... 32.	
HE.... L 0.01	FE(TOT)..		NH....		SR... 0.26	
HI....	GA.....		NH4... 6.5			
HA.... 1.0						
CA.... 35.	HCO3....	176.	NO3... 0.53			
CA+MG.	HG.....	0.0001				
CD....	H2S.....	1.0				
CL.... 570.						
CO....		34.				

OTHER ANALYTICAL DATA... P = 0.05

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
REFERENCE..... CROSTWHAITE, 1976

RECORD 00380

GEOTHERM FILE 101 0001510

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED BLM WELL IN UPPER RAFT RIVER VALLEY
WELL/SPRING NUMBER..... 175-26E-25-ACA1

LOCATION

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CASSTA

TOWNSHIP-RANGE

15S 02E 25 NE OF SW NE
MERIDIAN NOISE

COORDINATES

LAT/LONG... 42-05.5 N 113-21.5 W

MAP REFERENCE..... NAF 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/10/17 U. S. GEOLOGICAL SURVEY, 10440

TEMPERATURE (C)..... 30.0

WELL DEPTH (M)..... 244

DISCHARGE..... 57 L/MIN

OTHER SAMPLE INFORMATION, INTERVAL SAMPLED 176.-198. M

WATER ANALYSIS

DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

SPECIFIC CONDUCTANCE..... 1950.

ALKALINITY..... 144.

TOTAL DISSOLVED SOLIDS... 1230.

CHARGE IMBALANCE (3 DIFF.)... 0.3

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CH.....		MG....	9.0		
AL....	CU.....		MO....		SI02..	41.
AS....	F.....	2.3	NA....	330.		
HA....	FE+3....		NA+K..		SO4... 78.	
CA.... 51.	HCO3....	179.	NO3... 0.13			
CL.... 470.						
CO....		14.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... CHOSTHWAITE, 1976

RECORD 00381

GEOCHEMICAL SAMPLE FILE

GEOCHEM FILE 101 0001512

NAME OF SAMPLE SOURCE... UNNAMED RLM WELL NEAR ONEMILE CREEK MOUTH
 WELL/SPRING NUMBER..... 16S-26E-05-BBA3

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16S 026E 05 VE OF NW 1/4
 STATE..... IDAHO MERID: BOISE
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE.. 20

LAT/LONG... 42-04.0 N 113-26.0 W

MAP REFERENCE..... CHOKENHAY CANYON 1124000

SAMPLE DESCRIPTION AND COMPOSITION

DATE/LOCATION..... 1975/03/23 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 40.0

WELL DEPTH (M)..... 77

DISCHARGE..... 95 L/MIN

DINED SAMPLE INFORMATION.. INTERVAL SAMPLES: 19--77, M

WATER ANALYSIS

DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

P..... 0.8

SPECTRIC CONDUCTANCE..... 1540

ALKALINITY..... 113

TOTAL DISSOLVED SOLIDS... 855

CHARGE IMBALANCE (A DIFF.)... 3.0

ANALYSIS IN MG/L

ISOTOPE (U/001)

AG.....	CO3.....	N	LI.....	0.68		
AL.....	CH.....		MG.....	9.0		
AS.....	CS.....		MY.....	0.52	SE... N	
NI.....	CU.....		MO.....		SI02..	31.
H.....			NA.....	240.		
HA.....	FE3.....	0.03	NAOK..		SO4... 44.	
HF.....	FE1011..		ND.....		SR... 0.34	
HT.....	GA.....		NH4... 1.0			
HA.....						
CA.....	HCO3.....	134.	NO3... 0.17			
CA.....	MO.....	N				
CO.....	H2S.....	2.9				
CL.....						
GO.....	R.....	13.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... CHOSTHWAITE, 1976

RECORD 00382

GEOCHEMICAL SAMPLE FILE

GEOCHEM FILE 101 0001505

NAME OF SAMPLE SOURCE... UNNAMED RLM WELL NORTH OF COTTONWOOD CREEK

WELL/SPRING NUMBER..... 15S-26E-25-ACA1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 026E 25 SW OF SW VE
 STATE..... IDAHO MERID: BOISE

LAT/LONG... 42-04.0 N 113-21.7 W

STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... BRIDGE 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/12/06 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 18.0
 ELI DEPTH (M)..... 136.
 DISCHARGE..... 38. L/MIN

OTHER SAMPLE INFORMATION.. INTERVAL SAMPLED: 86.-122. M

WATER ANALYSIS

DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 2920.
 ALKALINITY..... 107.
 TOTAL DISSOLVED SOLIDS... 1650.
 CHARGE IMBALANCE (% DIFF.)... 3.8

AS CaCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	0.26		
AL.....	CH.....	MG...	17.		
AS..... 0.002	CS.....	MY...	0.25	SE...	N
AU.....	CU.....	WJ...		SIO2..	60.
H..... 0.21	F..... 0.8	VA...	400.		
HA..... 0.2	FE+3... 0.21	VA+K.		SO4...	31.
HE... L 0.01	FE(TOT).	NB...		SR...	0.93
HI.....	GA.....	NH4...	0.7		
HR..... 1.0					
CA..... 140.	HC03... 131.	NO3...	0.8		
CA+G.	MG..... 0.0003				
CD.....	M25..... 1.0				
CL..... 870.					
CO.....	K..... 40.				

ISOLOPES (U/001)

OTHER ANALYTICAL DATA... P = 0.05

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, WANDY J.
 COMPUTER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... CRUSTALITE, 1976

RECORD 00383

GEO THERM FILE 101 0001504

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED 9LM WELL NORTH OF COTTONWOOD CREEK

WELL/SPRING NUMBER..... 155-26E-25-ACA1

LOCATED

COUNTY..... UNITED STATES 155 26E 25 SW OF SW NE

STATE..... IDAHO

COUNTY..... CASSIA

MAP REFERENCE..... BRIDGE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/12/05 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 25.5

ELI DEPTH (M)..... 136.

DISCHARGE..... 38. L/MIN

OTHER SAMPLE INFORMATION.. INTERVAL SAMPLED: 86.-336. M

WATER ANALYSIS

DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

P1..... 7.8
 SPECIFIC CONDUCTANCE..... 9980.
 ALKALINITY..... 48.
 TOTAL DISSOLVED SOLIDS... 6060.
 CHANGE IN BALANCE (3 DIFF.)... 2.6
 ANALYSIS IN MG/L

AS CAC03

ISOTOPES (0/001)

AG....	CO3....	LI....	1.3		
AL....	CH....	MG....	1.4		
AS.... 0.003	CS....	MN....	0.13	SE....	N
AU....	CU....	MO....		SIO2..	88.
H.... 0.88	F....	NA....	2000.	S04...	45.
RA.... 0.0	FE+3....	NA+K..		SR....	1.8
HE....	FE(TOT)..	NH4...	2.6		
HI....	GA....				
HR.... 7.2					
CA.... 300.	HCO3....	NO3..	0.4		
CA+G..	HG....				
CD....	H2S....				
CL.... 3900.					
CO....	K....				

OTHER ANALYTICAL DATA... P = 0.04

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... CHOSIMWAITE, 1976

RECORD 00384

GEOTHERM FILE 101 0001503

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED BLM WELL NORTH OF COTTONWOOD CREEK
 WELL/SPRING NUMBER..... 155-26E-25-ACA1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 155 26E 25 SW OF SW NE
 STATE..... IDAHO MENARD BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... BRIDGE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/09/07 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 29.0

WELL DEPTH (M)..... 336.

DISCHARGE..... 34. L/MIN

OTHER SAMPLE INFORMATION... INTERVAL SAMPLED: 80.-336. M

ANALYSIS

DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

P1..... 7.8

SPECIFIC CONDUCTANCE..... 10900.

TOTAL DISSOLVED SOLIDS... 6400.

CHANGE IN BALANCE (3 DIFF.)... 0.3

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG....	CO3....	LI....	1.1		
AL....	CH....	MG....	3.1		
AS.... 0.008	CS....	MN....	0.29	SE....	N
AU....	CU....	MO....		SIO2..	82.
H.... 0.73	F....	NA....	1800.	S04...	43.
HA.... 0.9	FE+3....	NA+K..		SR....	2.3
HE....	FE(TOT)..	NH4...			

HR.... 6.5
 CA.... 310.
 CA-MG.
 CL.... 3500.
 CO....
 MCO3.... 70.
 MG..... N
 I..... 0.06
 K..... 270.
 NO3... 1.4

OTHER ANALYTICAL DATA... P = 0.10

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... CROSTHWAITE, 1976

RECORD 00385

GEOCHEMICAL SAMPLE FILE

GEOCHEM FILE ID: 0001502

NAME OF SAMPLE SOURCE... UNNAMED ALM WELL NORTH OF COTTONWOOD CREEK

WELL/SPRING NUMBER..... ISS-26E-25-ACAL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... BRIDGE 1124006

155 026E 25 SW OF SW NE
 MERID: BUISE

LAT/LONG... 42-08.0 N 113-21.7 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/09/06 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 29.0

WELL DEPTH (M)..... 130.

DISCHARGE..... 39. L/MIN

OTHER SAMPLE INFORMATION.. INTERVAL SAMPLED: 134.-330. W

DATA ANALYSIS

DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

P..... 1.9

SPECIFIC CONDUCTANCE... 7760.

TOTAL DISSOLVED SOLID... 5060.

CHARGE IMBALANCE (% DIFF.)... 1.2

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG.... 7	CO3....	LI... 0.94			
AL....	CR....	MG... 2.9			
AS.... 0.006	CS....	MA... 0.25	SE... 0.008		
AI....	CU....	MO... 1500.	SIO2. 84.		
HA.... 0.63	P.... 3.1	NA... 504..	43.		
HA.... 0.1	FE+3... 0.03	NA+K. 54...	1.7		
HF.... N	FE(TOT).	NH...			
HW.... 4.0					
LA.... 230.	MCO3.... 83.	NO3... 2.3			
CA-MG.	MG..... N				
CL.... 2500.	I..... 0.04				
CO....	K..... 210.				

OTHER ANALYTICAL DATA... P = 0.10

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... CROSTHWAITE, 1976

RECORD 00386

GEOCHEMICAL SAMPLE FILE

GEOCHEM FILE ID: 0001501

NAME OF SAMPLE SOURCE... UNNAMED ALM WELL NORTH OF COTTONWOOD CREEK

WELL/SPRING NUMBER..... 155-26E-12-ACCI
 LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... BRIDGE 1124000

TOWNSHIP-RANGE

155 026E 25 SW OF SW NE
 MERIDI HOISE

COORDINATES

LAT/LONG... 42-08.0 N 113-21.7 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/09/06 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 27.0
 WELL DEPTH (M)..... 736.
 DISCHARGE..... 38. L/MIN

OTHER SAMPLE INFORMATION.. INTERVAL SAMPLED: 181.-336. M

WATER ANALYSIS

DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 7360.
 TOTAL DISSOLVED SOLIDS..... 4890.
 CHARGE IMBALANCE (% DIFF.)... 0.6

ANALYSIS IN MG/L

AG....	CO3....	LI....	0.9		
AL....	CR....	MG....	2.5		
AS.... 0.005	CS....	MN....	0.21	SE....	N
AU....	CU....	MO....		SI02..	85.
HA.... 0.05	F....	VA....	1500.		
HA.... 0.7	FE+3....	VA+K..		SO4....	49.
HF.... N	FE(TOT)..	NB....		SR....	1.8
HR.... 4.2					
CA.... 230.	HCO3....	VO3....	1.0		
CA+MG..	HG....				
CL.... 2800.	I....				
CO....	K....				

ISOTOPES (0/001)

OTHER ANALYTICAL DATA... P = 0.00

REFERENCE AND IDENTIFICATION

COMPILED BY..... LITH. HANDBY J.
 COMPUTER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... CHURCHMAN, 1976

RECORD 00387

GEOTHERM FILE 101 0001500

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED HLM WELL NORTH OF COTTONWOOD CREEK

WELL/SPRING NUMBER..... 155-26E-12-ACCI

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... BRIDGE 1124000

TOWNSHIP-RANGE

155 026E 25 SW OF SW NE
 MERIDI HOISE

COORDINATES

LAT/LONG... 42-08.0 N 113-21.7 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/09/05 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 27.0
 WELL DEPTH (M)..... 736.
 DISCHARGE..... 10. L/MIN

OTHER SAMPLE INFORMATION.. INTERVAL SAMPLED: 274.-336. M

WATER ANALYSIS

DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

PH..... 7.8

SPECIFIC CONDUCTANCE..... 8410.
 TOTAL DISSOLVED SOLIDS... 6680.
 CHARGE IMBALANCE (% DIFF.)... 2.0
 ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3....	LI....	0.97		
AL....	CR....	MG....	2.1		
AS.... 0.028	CS....	MN....	0.23	SE... N	
AU....	CU....	MO....		SI02..	85.
H.... 1.1	F.... 4.6	NA....	2000.	S04...	47.
HA.... 0.7	FE+3... 0.23	VA+K..		SR...	1.4
HE.... N	FE(TOT)..	NB....			
HR.... 0.2					
CA.... 240.	HC03.... 83.	NO3...	16.		
CA+MG..	HG.... N				
CL.... 3600.	I.... 0.06				
CO....	K.... 270.				

OTHER ANALYTICAL DATA... P = 0.07
 REFERENCE AND IDENTIFICATION

COMPILED BY..... IIEB, RANDY J.
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... GHOSTWATTE, 1976

RECORD 00388

GEOTHERM FILE 101 0001506

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED RLM WELL 4 MI BELOW THE NARROWS
 WELL/SPRING NUMBER..... 155-20E-22-0001

LOCATION

IONSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 155 026E 22 SE OF SE SE
 STATE..... IDAHO MERID: MOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... CHOCHEERRY CANYON 1124000

LAT/LONG... 42-05.8 N 113-26.8 W

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTOR..... 1976/12/06 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 81.7

WELL DEPTH (M)..... 636.

DISCHARGE..... 189. L/MIN

OTHER SAMPLE INFORMATION... INTERVAL SAMPLED: 60.-636. M

ANALYSIS

DATE/ANALYST.....

CENTRAL LABORATORY, SALT LAKE CITY, UTAH

PRECIPITATION.....

SPECIFIC CONDUCTANCE..... 6610.

ALKALINITY..... 52.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 3530.

CHARGE IMBALANCE (% DIFF.)... 2.1

ISOTOPES 10/001

ANALYSIS IN MG/L

AG....	CO3....	LI....	1.8		
AL....	CR....	MG....	0.5		
AS.... 0.002	CS....	MN....	0.058	SE... N	
AU....	CU....	MO....		SI02..	56.
H.... 0.04	F.... 5.0	NA....	1300.	S04...	52.
HA.... 0.1	FE+3... 0.04	VA+K..		SR...	2.0
HE.... 0.01	FE(TOT)..	NB....			
HR....	GA....	NH4...	0.7		
CA.... 56.	HC03.... 63.	NO3...	0.31		

CA-MG..... MG..... M
 CO..... H2S..... 1.7
 CL..... 2000.
 CO..... K..... 14.

OTHER ANALYTICAL DATA... P = 0.04
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPUTER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... CROSTHWAITE, 1976

RECORD 00389

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0001509

NAME OF SAMPLE SOURCE... (UNNAMED) RLY WELL 4 MI BELOW THE NARROWS
 WELL/SPRING NUMBER..... 155-26E-22-0001

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 02E 22 SE OF SE SE
 STATE..... IDAHO MERID: BOISE
 COUNTY..... CASSIA
 MGP REFERENCE..... CHOKFERRY CANYON 1124000

LAT/LONG... 42-05.8 N 113-26.8 W

SAMPLE DESCRIPTION AND COLLECTION

DATE/COLLECTOR..... 1975/04/01 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 56.0

WELL DEPTH (M)..... 434.

DISCHARGE..... 71. L/MIN

OTHER SAMPLE INFORMATION... INTERVAL SAMPLED: 60.-122. M

WATER ANALYSIS

DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

PH..... 6.3

SPECIFIC CONDUCTANCE..... 5000.

ALKALINITY..... 44. AS CaCO3

TOTAL DISSOLVED SOLIDS..... 3220.

CHARGE IMBALANCE (A DIFF.)... 5.2

ANALYSIS IN μMOL

ISOTOPES (0/001)

AG.....	CO3..... 4	LI..... 1.7			
AL.....	CR.....	MG..... 0.6			
AS..... N	CS.....	MY..... 0.02	SE..... 4		
AU.....	CU.....	MO.....	SIO2..... 48.		
H..... 0.32	F..... 4.9	NA..... 1200.			
HA..... 4	FE+3..... 0.01	NAK.....	SO4..... 54.		
HF..... 14	FE(TOT).....	NB.....	SR..... 1.2		
HI.....	GA.....	NH4..... 1.5			
HR..... 0.6					
CA..... 59.	HCO3..... 54.	VO3..... 0.04			
CA-MG.....	HG.....				
CL..... 1000.					
CO.....					

OTHER ANALYTICAL DATA... P = 0.03

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPUTER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... CROSTHWAITE, 1976

RECORD 00390

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0001508

NAME OF SAMPLE SOURCE... UNNAMED RLM WELL 4 MI BELOW THE NARROWS
WELL/SRING NUMBER..... 155-26E-22-0001

LOCATION.....
COUNTRY..... UNITED STATES 155 026E 22 SE OF SE SE
STATE..... IDAHO MENDOT BOISE
COUNTY..... CASSIA

COORDINATES
LAT/LONG... 42-05.8 N 113-26.8 W

MAP REFERENCE..... CHOKERRY CANYON 1124000
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/03/31 U. S. GEOLOGICAL SURVEY, IDAHO
TEMPERATURE (C)..... 44.0
WELL DEPTH (M)..... 434
DISCHARGE..... 78 L/MIN

OTHER SAMPLE INFORMATION... INTERVAL SAMPLED: 60.-122. M

WATER ANALYSIS
DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

SPECIFIC CONDUCTANCE..... 5100.
ALKALINITY..... 57. AS CaCO3
TOTAL DISSOLVED SOLIDS... 3010.
CHARGE IMBALANCE (± DIFF.)... 1.5

ANALYSIS IN MU/L

ISOTOPES (0/00)

AG.....	CO3.....	LI... 1.6		
AL.....	Ca.....	Mu... 0.5		
AS..... N	CS.....	MN... 0.0%	SE... N	
AU.....	CU.....	MO... 39.		
H..... 0.34	F..... 5.2	NA... 1100.		
HA..... N	FE+3... 0.01	NA+K... 49.		
HE..... N	FE(TOT)...	NO... 1.4		
HW..... 3.7				
CA..... 550	HCO3... 69.	NO3... 0.0%		
CA+G...	MG..... N			
CL..... 1700.				
CO.....	K..... 11.			

OTHER ANALYTICAL DATA... P = 0.01

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
REFERENCE..... CRUSTALWATER, 1970

RECORD 00391

UNOTHER SAMPLE FILE

GEOCHEM FILE 101 0001507

NAME OF SAMPLE SOURCE... UNNAMED RLM WELL 4 MI BELOW THE NARROWS
WELL/SRING NUMBER..... 155-26E-22-0001

LOCATION.....
COUNTRY..... UNITED STATES 155 026E 22 SE OF SE SE
STATE..... IDAHO MENDOT BOISE
COUNTY..... CASSIA

COORDINATES
LAT/LONG... 42-05.8 N 113-26.8 W

MAP REFERENCE..... CHOKERRY CANYON 1124000
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/01/13 U. S. GEOLOGICAL SURVEY, IDAHO
TEMPERATURE (C)..... 78.5
WELL DEPTH (M)..... 434
DISCHARGE..... 05 L/MIN

OTHER SAMPLE INFORMATION... INTERVAL SAMPLED: 291.-434. M

WATER ANALYSIS
DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

P4..... 8.2
 SPECIFIC CONDUCTANCE..... 6660.
 ALKALINITY..... 2.
 TOTAL DISSOLVED SOLIDS... 3600.
 CHANGE IN BALANCE (A DIFF.)... 2.5
 ANALYSIS IN MG/L

AS CAC03

ISOTOPES 10/001

AG....		CO3.....	N	LI....	1.8		
AL....		CR.....		MG....	0.4		
AS....	0.003	CS.....		MN....	0.003	SE....	N
AU....		CU.....		MO....		SI02..	51.
B....	0.04	F.....	5.1	NA....	1300.		
BA....	0.2	FE+3....	0.01	VA+K..		SO4....	51.
BE....	0.01	FE(TOT)..		VD....		SR....	2.1
BI....		GA.....		VH4....	5.3		
BR....	4.1						
CA....	56.	HC03....	73.	NO3..	0.4		
CA+G..		MG.....	0.0001				
CD....		M2S....	1.0				
CL....	2100.						
CO....		K.....	13.				

OTHER ANALYTICAL DATA... P = 0.04
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... PROTHMATE, 1976

RECORD 00392

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 000194

NAME OF SAMPLE SOURCE... UNNAMED SPRING NEAR ONE MILE CREEK MOUTH
 WELL/SPRING NUMBER..... 165-26E-05-B915

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO

TOWNSHIP-RANGE

16S 026E 05 NW OF NW
 MERIDIAN Boise

COORDINATES

LAT/LONG... 42-04. N 113-27. W

COUNTY..... CASSIA
 MAP REFERENCE..... CHUCKHERRY CANYON 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 26.9

DISCHARGE..... 170. L/MIN

WATER ANALYSIS

DATE/ANALYST..... CENTRAL LABORATORY, SALT LAKE CITY, UTAH

SPECIFIC CONDUCTANCE..... 1770.

TOTAL DISSOLVED SOLIDS... 943.

CHANGE IN BALANCE (A DIFF.)... 1.6

ANALYSIS IN MG/L

ISOTOPES 10/001

AL....		CH.....		MG....	5.8		
AU....		Cl.....		MO....		SI02..	68.
B....		F.....	4.6	NA....	260.		
BA....		FE+3....		VA+K..		SO4....	41.
CA....	56.	HC03....	123.	NO3..	0.57		
CL....	430.						
CO....		K.....	15.				

OTHER ANALYTICAL DATA... P = 0.07
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... CROSTWATER, 1976

RECORD 00393

GEOTHERM FILE 101 0081083

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL
 WELL/SPRING NUMBER..... 155-26E-23-AAA1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 TWP REFERENCE..... NAF 1124000

TOWNSHIP-RANGE

155 026E 23 NE OF NE NE
 MERID: BOISE

COORDINATES

LAT/LONG... 42-06.62 N 113-22.42 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/02/06 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 90
 PERTINENT LITHOLOGY..... PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 5.4
 SPECIFIC CONDUCTANCE..... 2299
 ALKALINITY..... 48 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1056
 CHARGE IMBALANCE (% DIFF.)... 0.1
 ANALYSIS IN MG/L

ISOTOPES (0/001)

AR.....	CO3.....	46.....	0.1		
AL.....	CH.....	40.....		5102.	39.
AU.....	CI.....	40.....			
H.....	F.....	10.....	370.	504..	52.
HA.....	FE.....	3.....			
CA.....	MG.....	59.....			
CL.....	K.....	32.....			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00394

GEOTHERM FILE 101 0081071

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL (W. OF LOWER GOOSE RESERVOIR)
 WELL/SPRING NUMBER..... 145-21E-34-HDC 1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 TWP REFERENCE..... NAF 1124000

TOWNSHIP-RANGE

145 021E 34 SW OF SE NW
 MERID: BOISE

COORDINATES

LAT/LONG... 42-09.89 N 113-59.03 W

GEOLOGIC PROVINCE

20
 TIME? LOCALITY INFORMATION LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/26 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 43
 DISCHARGE..... E 180 L/MIN
 PERTINENT LITHOLOGY..... PLIOGENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 282.
 ALKALINITY..... 118.
 TOTAL DISSOLVED SOLIDS... 210.
 CHARGE IMBALANCE (% DIFF.)... 0.4
 ANALYSIS IN MG/L

AS CaCO3

ISOTOPES (0/00)

AG....	CO3.....	N	MG....	1.1		
AL....	CH.....		MO....		SI02..	47.
AJ....	CU.....		NA....	44.		
H....	F.....	1.3	NA+K..		SO4...	15.
HA....	FE+3...		NO3...	0.01		
CA....	HC03...	144.	PO4...	0.01		
CD....	H2S.....					
CL....						
CO....						
	K.....	9.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00395

GEOTHERM 1 SAMPLE FILE

GEOTHERM FILE 101 0025219

NAME OF SAMPLE SOURCE... VARD CHATBURY WELL

WELL/SPRING NUMBER..... 125-25E-04-BDD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 125 025E 04 SE OF SE 4W

LAT/LONG... 42-24.52 N 113-32.44 W

STATE..... IDAHO

COUNTY..... CASSIA

MAP REFERENCE..... ALBION 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 191.

DISCHARGE..... 3482 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAYETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00396

GEOTHERM 1 SAMPLE FILE

GEOTHERM FILE 101 0025213

NAME OF SAMPLE SOURCE... WADE BAKER WELL

WELL/SPRING NUMBER..... 125-21E-36-AAD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 125 021E 36 SE OF NE NE

LAT/LONG... 42-15.33 N 113-54.22 W

STATE..... IDAHO

COUNTY..... CASSIA

MAP REFERENCE..... MARION 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 487.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAYETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE... ROSS, 1971

RECORD 00397

GEOTHERM FILE 101 0001070

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARD SPRING

WELL/SPRING NUMBER... 135-26E-17-COC 15

LOCATION

COUNTRY... UNITED STATES

STATE... IDAHO

COUNTY... CASSIA

GEOLOGIC PROVINCE... 20

MAP REFERENCE... NIBBS CREEK 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1975/UB/UB SWANSON

TEMPERATURE (C)... 21.

DISCHARGE... 19. L/MIN

PENTIMENT LITHOLOGY... PRE-TERTIARY UNDIFFERENTIATED ROCKS.

WATER ANALYSIS

pH... 6.2

SPECTRIC CONDUCTANCE... 217.

ALKALINITY... 75. AS CaCO3

TOTAL DISSOLVED SOLIDS... 323.

CHARGE IMBALANCE (A DIFF.)... 0.2

ANALYSIS IN MG/L

ANALYSIS IN MG/L		ISOTOPES (0/001)	
AG...	CO3... N		
AL...	CR...	MG... 0.0	
AU...	CU...	MO... 5102.	45.
H...	F...	NA... 14.	
HA...	FE...	NAK... 504.	9.5
CA... 34.	HCO3... 92.		
CL... 25.			
CO...	K... 3.0		

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE D.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00398

GEOTHERM FILE 101 0025259

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILFORD WHIGLEY WELL

WELL/SPRING NUMBER... 125-23E-12-AAA

LOCATION

COUNTRY... UNITED STATES

STATE... IDAHO

COUNTY... CASSIA

MAP REFERENCE... VIEW 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 22.

WELL DEPTH (M)... 179.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00399

GEOTHERM FILE ID: 0025260

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG SPRINGS
WELL/SPRING NUMBER..... 13N-32E-15-8CBLOCATION.....
COUNTY..... UNITED STATES 13N 032E 15 NW OF SW NW
STATE..... IDAHO
COUNTY..... CLARK
GEOLOGIC PROVINCE.. 19COORDINATES
LAT/LONG... 44-27.23 N 112-41.75 W

MAP REFERENCE..... EDIE HATCH 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... RUSS, 1971

RECORD 00400

GEOTHERM FILE ID: 0081090

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LIDY HOT SPRINGS #1

WELL/SPRING NUMBER..... 09N-33E-02-8BC 15

LOCATION.....
COUNTY..... UNITED STATES 09N 033E 02 SW OF NW NW
STATE..... IDAHO
COUNTY..... CLARK
GEOLOGIC PROVINCE.. 19COORDINATES
LAT/LONG... 44-08.63 N 112-33.16 W

MAP REFERENCE..... LIDY HOT SPRINGS 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/25

TEMPERATURE (C)..... 50.

DISCHARGE..... E 946, L/MIN

PENTAGEN LITHOLOGY..... PRE-TERTIARY LIMESTONE.

WATER ANALYSIS

pH..... 6.3
SPECIFIC CONDUCTANCE..... 691.
ALKALINITY..... 147. AS CaCO₃
TOTAL DISSOLVED SOLIDS.. 471.
CHARGE IMBALANCE IN DIFF. 3.0

ANALYSIS IN MG/L

ANALYSIS IN MG/L		ISOTOPES 10/001	
AG.....	CO3..... N		
AL.....	CR.....	MO..... 18.	
AR.....	CU.....	NO..... 34.	
AS.....	F..... 6.0	NA..... 27.	
BA.....	FE+3.....	NA+K.....	504.. 140.
CA..... 81.	HCO3..... 179.	NO3..... 0.02	
CL.....	H2S.....	PO4..... 0.03	
CO..... 8.0			
CR..... 81.			

IDENTIFICATION FIELD..... MEASURED TEMPERATURE IS PROBABLY LOWER THAN AT POINT OF DISCHARGE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMANN, GEORGE O.

COMPTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00401

GEOTHERM FILE 101 0025261

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LIDY HOT SPRINGS #2

WELL/SPRING NUMBER... 10N-33E-35-CCC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 10N 033E 35 SW OF SW SW

LAT/LONG... 44-08.72 N 112-33.22 W

STATE..... IDAHO

COUNTY..... CLARK

MAP REFERENCE... LIDY HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 51.

DISCHARGE..... 189. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00402

GEOTHERM FILE 101 0015272

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

WELL/SPRING NUMBER... 10N-033E-35-CCC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 10N 033E 35 SW OF SW

LAT/LONG... 44-08.43 N 112-33.01 W

STATE..... IDAHO

COUNTY..... CLARK

GEOLOGIC PROVINCE... 14

MAP REFERENCE... LIDY HOT SPRINGS 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/22 MITCHELL, JOHN

POINT OF COLLECTION... WELLHEAD

TEMPERATURE (C)..... 59.0

WELL DEPTH (M)..... 59.

DISCHARGE..... 6314. L/MIN

WATER TREATMENT..... 7 BOTTLE SAMPLE JFA FU FU RU MC

WATER ANALYSIS

PH..... 7.6 AT (C) 25.

SPECIFIC CONDUCTANCE..... 490.

ALKALINITY..... 148.

TOTAL DISSOLVED SOLIDS... 342.

CHARGE BALANCE 16 DIFF. 3.9

ANALYSIS IN MG/L

CO₃..... 1.00

CH..... 14.

SI..... 0.04

Fe..... 4.4

Mg..... 24.

Ca..... 180.

Mn..... N

H₂S..... 0.03

ISOTOPE (10/00)

ISOTOPE	10/00
SiO ₂	37.
SO ₄	100.

CL.... 7.1 K.... 12.
 CO....
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LEE, LINDA
 COMPILED AFFILIATION... IDAHO DEPT. WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00403

GEOTHERM FILE 101 0081092

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARM SPRINGS
 WELL/SPRING NUMBER..... 11N-J2E-25-AAC 1S
 WATING NUMBER..... 148

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 11N 03E 25 SW OF NE NE
 STATE..... IDAHO MERID: BUISE
 COUNTY..... CLARK
 GEOLOGIC PROVINCE.. 19

LAT/LONG... 44-15.39 N 112-38.35 W

MAP REFERENCE..... EDIE RANCH 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/28
 TEMPERATURE (C)..... 29.
 DISCHARGE..... 7267 L/MIN
 PERTINENT LITHOLOGY..... PRE-TERTIARY LIMESTONE.

ANALYSIS

P..... 7.0
 SPECIFIC CONDUCTANCE..... 437.
 ALKALINITY..... 171.
 TOTAL DISSOLVED SOLIDS... 214.
 CHARGE BALANCE (K DIFF.)... 3.2

AS CaCO3

ANALYSIS IN MG/L

AG....	CO3....	N			
AL....	CH....		MG....	19.	
AU....	CU....		MO....	5102.	17.
H....	F....	1.0	NA....	4.9	
HA....	FE....		VA....	504.	62.
CA....	MC03....	209.	NO3....	0.12	
CO....	M2S....		PO4....	0.02	
CL....					
CO....	K....	2.9			

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00404

GEOTHERM FILE 101 0025262

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILSON BROTHERS WELL
 WELL/SPRING NUMBER..... 04N-J3E-02-CDC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 03E 02 SW OF SE SW
 STATE..... IDAHO
 COUNTY..... CLARK
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... LIDY HOT SPRINGS 1124000

LAT/LONG... 44-07.90 N 112-32.85 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C).....	50.
WELL DEPTH (M).....	213.
DISCHARGE.....	1785. L/MIN
REFERENCE AND IDENTIFICATION	
COMPILED BY.....	RIDEGANETA, KIM M.
COMPILED AFFILIATION...	UTAH DEPT. OF WATER RESOURCES
REFERENCE.....	9055, 1971

RECORD 00405

GEOTOP - SAMPLE FILE

GEOTHEM FILE NO: 0081106

NAME OF SAMPLE SOURCE... RAYNEY WARM SPRINGS
WELL/SPRING NUMBER..... 11N-25E-23-CAH 15
MARIN: NUMBER..... 108

LOCATIONS

TOWNSHIP-DAVE

COORDINATES

LAI/LUNG... 44-16.13 N 113-20.95 #

COUNTY.....	UNITED STATES	11N 025E 23 W OF NE SW
STATE.....	INDIANA	MERID: MOISE
COUNTY.....	CUSTER	
GEOLOGIC PROVINCE..	19	
MAP REFERENCE.....	GILMORE 1162506	

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1972/07/13 MITCHELL, JOHN AND YOUNG, BILL
TEMPERATURE (C)..... 28.5
DISCHARGE..... 644. L/MIN
PARENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR TERTIARY SILICIC VOLCANIC ROCK AND PRE-TERTIARY, UNDIFFERENTIATED.

WATER ANALYSIS

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DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
P..... 7.8
SUFECTIC CONDUCTANCE..... 364.
ALKALINITY..... 14M. AS CaCO3
TOTAL DISSOLVED SOLIDS..... 215.
CALC. IMBALANCE (S DIFF.)... 2.2

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ISOLOPES 00/001

AQ.....	C03..... N
BQ.....	C7..... MG... 20.
AU.....	CU..... MU.... SIJZ.. 18.
H.....	F..... 0.5 VA.... 9.
HA.....	FE-3..... VAK... \$04.. 35.
CA..... 37.	MCO3..... 181. VO3.. 0.25
CD.....	M2S..... PU4.. 0.03
CL..... 6.0	

QUALITY ATION FIELD. MEASURED TEMPERATURE IS PROBABLY LOWER THAN AT POINT OF DISCHARGE.

REFRAME AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REPRESENT..... YOUNG AND MITCHELL, 1973

RECORD 00408

GEORGE SAMUEL ME

GEUTHENM FILE 101 0081100

TYPE OF SAMPLE SOURCE... BASIN CRACK-NOT SPRINGS
WELL NO. 41-104HFD..... 114-14E-21-DDH 15
WELL NO. 104HFD..... 21

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CUSTER
 MAP REFERENCE..... EAST BASIN CREEK 1124000

TOWNSHIP-RANGE

11N 014E 21 NE OF SE SE
 MERID: BOISE

COORDINATES

LAT/LONG... 44-15.82 N 114-49.11 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/00 TSCHANZ

TEMPERATURE (C)..... 40.

DISCHARGE..... 27. L/MIN.

PERCENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 9.0

ALKALINITY..... 99. AS CaCO3

TOTAL DISSOLVED SOLIDS... 147.

CHARGE IMBALANCE (+ DIFF.)... 11.8

ANALYSIS IN MG/L

AG....	CO3....	40.			
AL....	CR....		MG....	3.1	
AM....	CU....		MO....		5102. 90.
BA....	F....	15.	NA....	75.	
BR....	FE+3....		NA+K.		504.. 45.
CA....	HC03....	40.			
CL....					
CO....	K....	3.2			

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... TSCHANZ AND OTHERS, 1974

RECORD 00407

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0081099

NAME OF SAMPLE SOURCE... BASIN CREEK HOT SPRINGS

WELL/SPRING NUMBER... 11N-14E-21-CCA 15

WSPRING NUMBER... 91

LOCATION

COUNTY..... UNITED STATES

TOWNSHIP-RANGE

11N 014E 21 NE OF SW SW
 MERID: BOISE

STATE..... IDAHO

COUNTY..... CUSTER

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... EAST BASIN CREEK 1124000

COORDINATES

LAT/LONG... 44-15.86 N 114-49.62 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/03 CATEH

TEMPERATURE (C)..... 39.

PERCENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 8.8

SPECIFIC CONDUCTANCE..... 304.

ALKALINITY..... 77. AS CaCO3

TOTAL DISSOLVED SOLIDS... 255.

CHARGE IMBALANCE (+ DIFF.)... 12.0

ANALYSIS IN MG/L

AG.... CO3.... 35.

ISOTOPES (0/001)

AL....	CR....	MG... N		
AU....	CU....	MO....	5102.	80.
R....	F.... 14.	NA.... 62.		
HA....	FE+3....	NA+K.	504..	30.
CA.... 2.4	MC03.... 23.			
CL.... 4.3				
CO....	K.... 1.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00408

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025263

NAME OF SAMPLE SOURCE... REARDUSLEY HOT SPRING

WELL/SPRING NUMBER..... 14N-19E-23-000

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14N 01E 23 SE OF SE SE

LAT/LONG... 44-31.38 N 114-10.40 W

STATE..... IDAHO

COUNTY..... CUSTER

GEOLOGIC PROVINCE.. 19

WSP REFERENCE..... CHALLIS 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 43.

DISCHARGE..... 5677. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00409

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0081107

NAME OF SAMPLE SOURCE... BILL JOHNSTON WELL

WELL/SPRING NUMBER..... 14N-19E-34-DAA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14N 01E 34 NE OF NE SE

LAT/LONG... 44-29.96 N 114-11.66 W

STATE..... IDAHO

COUNTY..... CUSTER

WSP REFERENCE..... LOVE PINE PEAK 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/12 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 189.

PIT DEPTH (M)..... 915.

DISCHARGE..... 120. L/MIN

OTHER SAMPLE INFORMATION.. WAS TEST HOLE FOR OIL OR GAS EXPLORATION.

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.3

SPECIFIC CONDUCTANCE..... 629.

ALKALINITY..... 185.

TOTAL DISSOLVED SOLIDS... 348.

CATION IMBALANCE (4 DIFF.)... 0.6

ANALYSIS IN M/L

CO3..... 1

ISOLOPES 102001

AL....	CR.....	MG...	21.		
AU....	CU.....	MO...		5132.	23.
B.....	F.....	VA...	45.		
HA.....	FE+3....	VA+K.		504..	130.
CA.....	55. HCO3....	NO3..	0.1		
CD.....	226. H25....	PO4..	0.01		
CI.....	4.0				
CO.....	K.....				
	7.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00410

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025265

NAME OF SAMPLE SOURCE... BOWERY HOT SPRING

WELL/SPRING NUMBER..... 08N-17E-31-DCB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 08N 017E 31 NW OF SW SE

STATE..... IDAHO

LAT/LONG... 43-58.45 N 114-29.15 W

COUNTY..... CUSTER

GEOLOGIC PROVINCE... 19

MSP REFERENCE..... RYAN PEAK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 54.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00411

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025266

NAME OF SAMPLE SOURCE... BRADLEY POOL WARM SPRING

WELL/SPRING NUMBER..... 12N-11E-02-CDB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 12N 011E 02 NW OF SE SW

STATE..... IDAHO

LAT/LONG... 44-21.45 N 114-08.95 W

COUNTY..... CUSTER

GEOLOGIC PROVINCE... 19

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75.

DISCHARGE..... 37. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00412

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025266

NAME OF SAMPLE SOURCE... CAMPGROUND HOT SPRING

WELL/SPRING NUMBER..... 11N-14E-22-CCA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 11N 014E 22 NE OF SW SW

LAT/LONG... 44-15.86 N 114-48.02 W

STATE..... IDAHO
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... EAST HASIN CREEK 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 35
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00413

GEOTHERM FILE 101 0025267

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... EAST ROBINSON BAR HOT SPRING
 WELL/SPRING NUMBER..... 11N-15E-26-CCC
 LOCATION

COORDINATES

COUNTY..... UNITED STATES 11N 01SE 26 SW OF SW SW

LAT/LONG... 44-14.89 N 114-40.38 W

STATE..... IDAHO

COUNTY..... CUSTER

MAP REFERENCE..... ROBINSON BAR 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 42

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... TSCHANZ AND OTHERS, 1974

RECORD 00414

GEOTHERM FILE 101 0081103

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... EAST ROBINSON BAR HOT SPRING
 WELL/SPRING NUMBER..... 11N-15E-26-CCC 15
 LOCATION

COORDINATES

COUNTY..... UNITED STATES 11N 01SE 26 SW OF SW SW

LAT/LONG... 44-14.89 N 114-40.38 W

STATE..... IDAHO

MERID: BOISE

COUNTY..... CUSTER

GEOLOGIC PROVINCE.. 19

MAP REFERENCE..... ROBINSON BAR 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... TSCHANZ

TEMPERATURE (C)..... 49

DISCHARGE..... 40 L/MIN

PERCENT LITHOLOGY..... CHETACEOUS QUANTZ MONZONITE

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PHOSPHORUS..... 9.3

ALKALINITY..... 91 AS CaCO3

TOTAL DISSOLUBLE SOLIDS..... 191

CHARGE BALANCE (A DIFF.)..... 0.5

ANALYSIS IN MG/L

AG.....

AL.....

AR.....

AS.....

BA.....

BR.....

CO3..... 41

CU.....

CL.....

CR.....

FE..... 12

FE3.....

MG..... 0.4

MU.....

NA..... 77

VA+K.....

SiO2..... 80

SO4..... 57

ISOTOPES 10/001

CA.... 2.0 MC03.... 28.
 CL.... 6.0 K.... 3.0
 CO....
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TSCHANZ AND OTHERS, 1974

RECORD 00415

GEOTHERM FILE 101 0001090

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... FLKHOHN HOT SPRINGS
 WELL/SPRING NUMBER..... 11N-13E-36-HAA 15
 LOCATION
 COUNTY..... UNITED STATES 11N 013E 36 NE OF VE W
 STATE..... IDAHO MERID: MOISE
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... STANLEY 1124000

COORDINATES
 LAT/LONG... 44-14.72 N 114-53.10 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... TSCHANZ
 TEMPERATURE (C)..... 57.

DISCHARGE..... 757. L/MIN

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P..... 9.6
 SPECIFIC CONDUCTANCE..... 329.
 ALKALINITY..... 80. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 252.
 CHARGE BALANCE (% DIFF.)... 0.3

ISOTOPES (U/001)

ANALYSIS IN MG/L
 AG.... CO3.... 38.
 AL.... CR.... MG.... 0.3
 AR.... CU.... MU.... 512. 75.
 H.... F.... 14. NA.... 72.
 HA.... FE+3.... NA+K.... 504. 32.
 CA.... 1.0 MC03.... 20.
 CL.... 6.0
 CN.... K.... 2.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1940

RECORD 00416

GEOTHERM FILE 101 0025260

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LITTLE ANTELOPE FLAT WARM SPRING
 WELL/SPRING NUMBER..... 12N-11E-02-COB
 LOCATION
 COUNTY..... UNITED STATES 12N 011E 02 NW OF SE SW
 STATE..... IDAHO
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE... 19

COORDINATES
 LAT/LONG... 44-22.90 N 114-05.24 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 34.
 DISCHARGE..... 1135. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00417

GEOTHERM FILE 101 0001110

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LOWER LOON CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 17N-14E-19-HOB 15
 LOCATION
 COUNTY..... UNITED STATES 17N 014E 19 W OF SE 4W
 STATE..... IDAHO MERIDIAN BOISE
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE... 19

COORDINATES

LAT/LONG... 44-47.93 N 114-48.28 W

MAP REFERENCE..... RAMEY HILL 1124000
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/07/04 CATER
 TEMPERATURE (C)..... 49.
 DISCHARGE..... 30. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM OVERLAYING CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 PH..... 8.7
 SPECIFIC CONDUCTANCE..... 433.
 CHARGE IMBALANCE (8 DIFF.)... 6.3

ANALYSIS IN MG/L

ISOTOPES (D/001)

AG.....	CO3.....	19.	MG.....	N		
AL.....	CH.....		MN.....	N		
AS.....	CS.....		MO.....		512.	12.
AU.....	CU.....		NA.....	93.		
H.....	FE.....	12.	NAK.....		504.	51.
HA.....	MCU3.....	114.	PO4.....	N		
CA..... 2.7	H2S.....					
CD.....						
CL..... 12.						
CO.....	R.....	1.3				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATER AND OTHERS, 1973

RECORD 00418

GEOTHERM FILE 101 0001101

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MORMON HEND HOT SPRINGS
 WELL/SPRING NUMBER..... 11N-14E-29-AAH 15
 LOCATION
 COUNTY..... UNITED STATES 11N 014E 29 SE
 STATE..... IDAHO MERIDIAN BOISE
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE... 14
 MAP REFERENCE..... EAST BASTON CREEK 1124000

COORDINATES

LAT/LONG... 44-15.7 N 114-50.3 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION..... TSCHANZ, ET. AL.
 TEMPERATURE (C)..... 38.
 DISCHARGE..... 1135. L/MIN
 PERCENT LITHOLOGY..... CRETACEOUS QUARTZ MONZONITE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.3
 ALKALINITY..... 77. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 257.
 CHARGE IMBALANCE (A DIFF.)... 11.5

ANALYSIS IN MG/L

AG....	CO3....	35.	MG....	0.1	SiO2.	89.
AL....	CH....		MO....			
AU....	CU....		NA....	62.	SO4..	38.
HA....	F....	14.	NA+K.			
HA....	FE+3....					
CA....	MC03....	23.				
CL....						
CO....	K....	1.3				

ISOTOPES (D/H2O)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TSCHANZ AND OTHERS, 1974

RECORD 00419

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... OPEN CABIN HOT SPRING
 WELL/SPRING NUMBER..... 15N-14E-10-AUC

GEOTHERM FILE 101 0025269

LOCATION

TOWNSHIP-RANGE

CORRELATES

COUNTY..... UNITED STATES 15N 014E 10 SW OF SE NE
 STATE..... IDAHO
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE... 14
 MAP REFERENCE..... FALCONHEAVY PEAK 1124000
 LAT/LONG... 44-39.10 N 114-44.06 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 56.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAYETA, KIM M.
 COMPUTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00420

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... PIERSON HOT SPRINGS
 WELL/SPRING NUMBER..... 15N-14E-27-100 15

GEOTHERM FILE 101 0081093

LOCATION

TOWNSHIP-RANGE

CORRELATES

COUNTY..... UNITED STATES 04N 014E 27 SE OF NW SE
 STATE..... IDAHO
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE... 14
 MAP REFERENCE..... ALIUTAS LAKE 1124000
 LAT/LONG... 43-54.42 N 114-47.49 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/03 U.S. GEOLOGICAL SURVEY

TEMPERATURE (C)..... 60.

DISCHARGE..... 59. L/MIN

PERCENT LITHOLOGY..... CHETACEOUS GRANITIC ROCK.

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 9.0

SPECIFIC CONDUCTANCE..... 331.

ALKALINITY..... 84. AS CaCO3

TOTAL DISSOLVED SOLIDS... 253.

CHARGE IMBALANCE (% DIFF.)... 7.2

ANALYSIS IN MG/L

AG.... CO3.... 35.

AL.... CH....

AU.... CU....

H.... F.... 19.

RA.... FE+3....

CA.... 1.0 MC03.... 31.

CL.... 7.0

CO.... R.... 1.0

ISOTOPES (U/001)

MG.... 0.1

MO....

NA.... 73.

NA+K.

S102. 70.

S04.. 31.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... TSCHANZ AND OTHERS, 1974

RECORD 00421

GEOCHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROZALYS HOT SPRING

WELL/SPRING NUMBER..... 09N-14E-14-HAA

LOCATION

COUNTY..... UNITED STATES 09N 01E 14 NE OF NE NW

STATE..... IDAHO

COUNTY..... CUSTER

MAP REFERENCE..... USGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKAWATA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

GEOCHEM FILE 101 0025270

COORDINATES

LAT/LONG... 44-06.06 N 114-51.90 W

RECORD 00422

GEOCHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROZALYS SMITH WELL #1

WELL/SPRING NUMBER..... 09N-14E-14-HAA

LOCATION

COUNTY..... UNITED STATES 09N 01E 14 SE OF NE SW

STATE..... IDAHO

COUNTY..... CUSTER

GEOLOGIC PROVINCE... 14

MAP REFERENCE..... USGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77.

COORDINATES

LAT/LONG... 44-06.39 N 114-51.92 W

GEOCHEM FILE 101 0025271

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00423

GEOTHERM FILE 101 0025272

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROZALYS SMITH WELL #2
 WELL/SPRING NUMBER..... RYN-14E-19-ABA
 LOCATION.....
 COUNTY..... UNITED STATES 09N 014E 19 NW OF NE
 STATE..... IDAHO
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE.. 19
 MSP REFERENCE..... OHSIDIAN 1124000

COORDINATES

LAT/LONG... 44-06.08 N 114-51.72 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 50
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00424

GEOTHERM FILE 101 0001552

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SACAJAWEA HOT SPRINGS
 WELL/SPRING NUMBER..... 10N-11E-31-ADDIS
 LOCATION.....
 COUNTY..... UNITED STATES 10N 011E 31 SE OF SE NE
 STATE..... IDAHO
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE.. 19

COORDINATES

LAT/LONG... 44-09.64 N 115-10.02 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1979/05/07
 TEMPERATURE (C)..... 47.0
 DISCHARGE..... 244 L/MIN

WATER ANALYSIS

PH..... 9.6
 SPECIFIC CONDUCTANCE..... 381
 ALKALINITY..... 76 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 267
 CHARGE BALANCE (A DIFF.)... 0.0

ANALYSIS IN MG/L

Al...	CO3.....	45.	Li...	0.11	SB...
Al...	Ca.....		Mg...	0.1	SC...
Al...	CU.....		MU...		SI02..
Al...	F.....	15.	NA...	77.	SO4...
Al...	FE+3...		NA+K..		
Al...	HCO3...	1.	NO3...	0.09	
Al...	Mg.....	0.0001	PO4...	0.03	
Al...	H2S.....				
Al...	K.....	2.6			

ISOTOPIES (0/001)

DEL D OF WATER..... -14.0
 DEL D(18) OF WATER... -18.7

QUANTIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS; NO3 WAS REPORTED AS TOTAL N; PO4 WAS REPORTED AS TOTAL P
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980B

RECORD 00425

GEOTHERM FILE 101 0081097

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SLATE CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 16N-10E-30-BA0 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16N 10E 30 SE OF NE 1/4
 STATE..... IDAHO MENIDU BAISE
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE.. 19

LAT/LONG... 44-10.25 N 114-37.45 W

MAP REFERENCE..... LIVINGSTON CREEK 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/11 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 50

VISCOSITY..... 700 L/MIN

PERTINENT LITHOLOGY..... PALEOZOIC ARGILLITE.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE ANALYST.....
 pH..... 8.0
 SURFIC CONDUCTANCE..... 437
 ALKALITY..... 90 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 362
 CHARGE IMBALANCE (B DIFF.)... 13.7

ANALYSIS IN MG/L

ISOTHERMS (10/00)

AG.....	CO3..... N	MG.....	0.1		
AL.....	CH.....	MG.....		5102.	80.
AR.....	CI.....	MG.....		83.	
AS.....	FE.....	MG.....		504.	110.
BA.....	FE+3.....	MG.....			
CA..... 8.1	HCO3..... 110.	NO3.....	0.03		
CD.....	H2S.....	PO4.....	0.02		
CL..... 7.0					
CO.....	K..... 4.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00426

GEOTHERM FILE 101 0081096

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STANLEY HOT SPRINGS
 WELL/SPRING NUMBER..... 10N-13E-03-CA0 15
 WELL NUMBER..... 94

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 10N 13E 03 NW OF NE SW
 STATE..... IDAHO MENIDU BAISE
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE.. 19

LAT/LONG... 44-13.45 N 114-55.71 W

MAP REFERENCE..... STAMLEY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/12 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 41.

DISCHARGE..... 416. L/MIN

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR METACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.8

SPECIFIC CONDUCTANCE..... 293.

ALKALINITY..... 71.

AS CaCO3

TOTAL DISSOLVED SOLIDS..... 211.

CHARGE IMBALANCE (% DIFF.)..... 7.3

ANALYSIS IN MU/L

AG..... CO3..... 28.

AL..... CH.....

AU..... CU.....

H..... F..... 14.

HA..... FE+3.....

CA..... 2.4 HCO3..... 30.

CD..... H2S.....

CL..... S.O.....

CO..... K..... 0.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973

ISOTOPES (0/00)

MG...	0.1		
MO...		5102.	55.
NA...	60.		
NA+K...		504..	31.
NO3...	0.05		
PO4...	0.01		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00427

GEOTHERM FILE 101. 0081105

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SULLIVAN HOT SPRINGS

WELL/SPRING NUMBER..... 11N-1/E-27-HDD 15

WELL NUMBER..... 100

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CUSTER

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... CLAYTON 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/12 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 41.

DISCHARGE..... 265. L/MIN

PERCENT LITHOLOGY..... CONTACT BETWEEN OLIGOCENE SILICIC VOLCANIC ROCKS AND PALEZOIC DOLOMITE AND ANGIILLITE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.0

SPECIFIC CONDUCTANCE..... 1070.

ALKALINITY..... 454.

AS CaCO3

TOTAL DISSOLVED SOLIDS..... 640.

CHARGE IMBALANCE (% DIFF.)..... 1.7

ANALYSIS IN MU/L

AG..... CO3.....

AL..... CR.....

AU..... CU.....

ISOTOPES (0/00)

MG...	11.		
MO...		5102.	38.
NA...			
NA+K...			
NO3...			
PO4...			

H..... F..... 1.0 NA... 170.
 HA..... FE+3..... NA+K... 504... 20.
 CA..... 49. HC03..... 554. NO3... 0.06
 CI..... H2S..... PO4... 0.02
 CL..... 57.
 CO..... K..... 15.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00428

GEOCHEMICAL SAMPLE FILE

GEOCHEM FILE 101 0081108

NAME OF SAMPLE SOURCE... SUN FLOWER FLAT HOT SPRINGS
 WELL/SPRING NUMBER..... 16N-12E-08-DDH 15

LOCATION..... TOWNSHIP-RANGE
 COUNTY..... UNITED STATES 16N 12E 08 W OF SE SE
 STATE..... IDAHO MEMPH: BOISE
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... GREYHOUND RIDGE-1162500

COORDINATES

LAT/LONG... 44-43.99 N 115-01.03 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/ANALYST..... CATEH
 TEMPERATURE (C)..... 43.
 DISCHARGE..... 13. L/MIN

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P..... 7.4
 ALKALINITY..... 79. AS HC03
 CHARGE IMBALANCE (± DIFF)..... 3.5
 ANALYSIS IN MG/L

ISOTOPES 10/1001

AG.....	CO3..... N	46..... N		
AL.....	CR.....	40..... 10.		
AS.....	CS.....	40.....	S102.	54.
AI.....	CI.....	40.....		
H.....	F..... 12.	VA..... 91.		
HA.....	FE+3.....	VA+K... 504...	100.	
CA..... 4.5	HC03..... 79.			
CL..... 13.				
CO.....	K..... 1.0			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATEH AND OTHERS, 1973

RECORD 00429

GEOCHEM FILE 101 0081102

GEOCHEMICAL SAMPLE FILE

NAME OF SAMPLE SOURCE... SUNFLOWER FLAT HOT SPRINGS
 WELL/SPRING NUMBER..... 11N-15E-19-CAN 15

LOCATION..... TOWNSHIP-RANGE
 COUNTY..... UNITED STATES 11N 15E 19 W OF NE SW
 STATE..... IDAHO MEMPH: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... SUNFLOWER 1124000

COORDINATES

LAT/LONG... 44-16.07 N 114-44.87 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/12 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 76.
 DISCHARGE..... 1681. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS QUARTZ MONZONITE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 8.5
 SPECIFIC CONDUCTANCE..... 413.
 ALKALINITY..... 98. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 320.
 CHARGE IMBALANCE (a DIFF.)... 9.4

ANALYSIS IN MG/L

AG....	CO3....	4	MG....	N		
AL....	Ca....		MO....		5102.	91.
AU....	CU....		NA....	85.	504.	54.
H....	F....	15.	NA+K.			
HA....	FE+3....		NO3....	0.06		
CA....	HC03....	119.	PO4....	0.02		
CO....	M2S....					
CL....						

ISOLOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00430

GEOTHERM FILE 101 0081109

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... THOMAS CREEK RANCH HOT SPRING
 WELL/SPRING NUMBER..... 16N-12E-17-DAD 15

LOCATION

IONOSPHERE-RAJUE

COORDINATES

LAT/LONG... 44-43.27 N 115-00.87 W

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE... 19

MSP REFERENCE..... GREYHOUND RIDGE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/07/04 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 59.
 DISCHARGE..... 256. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY GRANITIC ROCK.

WATER ANALYSIS

PH..... 9.0
 SPECIFIC CONDUCTANCE..... 377.
 TOTAL DISSOLVED SOLIDS... 306.
 CHARGE IMBALANCE (a DIFF.)... 8.6

ANALYSIS IN MG/L

AG....	CO3....	24.	MG....	N		
AL....	Ca....		MO....		5102.	87.
AS....	CS....		NA....	10.	504.	63.
AI....	CU....		NA+K.	82.		
H....	F....	12.				
HA....	FE+3....					
CA....	HC03....	54.				

ISOLOPES (0/001)

CI.... 10.
 CO.... 1.8
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATER AND OTHERS, 1973

RECORD 00431

GEOTHERM FILE ID: 0025273

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UPPER BOWERY HOT SPRINGS
 WELL/SPRING NUMBER..... 07N-17E-06-ADA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 07N 017E 06 NE OF NW NE
 STATE..... IDAHO
 COUNTY..... CUSTER
 MSP REFERENCE..... RYAN PEAK 1124000

LAT/LONG... 43-58.24 N 114-29.69 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 43.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00432

GEOTHERM FILE ID: 0081089

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UPPER BOWERY HOT SPRINGS
 WELL/SPRING NUMBER..... 07N-17E-06-ADA 15
 WORTH NUMBER..... 103

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 07N 017E 06 NE OF NW NE
 STATE..... IDAHO
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE... 19

LAT/LONG... 43-58.24 N 114-29.69 W

MSP REFERENCE..... RYAN PEAK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/17 TSCHAND

TEMPERATURE (C)..... 43.

DISCHARGE..... 75 L/MIN

PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 7.8

ALKALITY..... 540

TOTAL DISSOLVED SOLIDS..... 114 AS CaCO3

CHARGE BALANCE (A DIFF)..... 3.7

ANALYSIS IN MG/L

AN.....
 AL.....
 AR.....
 H.....
 H.....
 CA..... 22.
 CL..... 12.

CO3.....
 CU.....
 CU.....
 F..... 12.
 FE.....
 HCO3..... 199.

40.....
 MO.....
 NA.....
 NA.....
 S102. 02.
 S04. 110.

ISOTOPES (O/001)

CO..... 8.4
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TSCHANZ AND OTHERS, 1974

RECORD 00433

GEOTHERM FILE 101 0025274

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UPPER LOON CREEK HOT SPRINGS

WELL/SPRING NUMBER..... 15N-14E-10-DCC

LOCATION

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 44-38.68 N 114-44.33 W

COUNTRY..... UNITED STATES 15N 014E 10 SW OF SW SE

STATE..... IDAHO

COUNTY..... CUSTER

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... ROCK CREEK 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 63

DISCHARGE..... 18 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00434

GEOTHERM FILE 101 0025275

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARM SPRING CREEK HOT SPRING

WELL/SPRING NUMBER..... 11N-15E-34-ADC

LOCATION

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 44-14.46 N 114-40.69 W

COUNTRY..... UNITED STATES 11N 015E 34 SW OF SE NE

STATE..... IDAHO

COUNTY..... CUSTER

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... ROBINSON BAR 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 52

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00435

GEOTHERM FILE 101 0001095

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WEST PASS HOT SPRINGS

WELL/SPRING NUMBER..... 04N-17E-32-HCA 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 43-58.91 N 114-29.15 W

COUNTRY..... UNITED STATES 04N 017E 32 NE OF SW NW

STATE..... IDAHO

COUNTY..... CUSTER

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... RYAN PEAK 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/02/12 YOUNG, BILL AND MITCHELL, JOHN

TEMPERATURE (C)..... 51.
 DISCHARGE..... E 95. L/MIN.
 PERTINENT LITHOLOGY..... PALEZOIC SEDIMENTARY ROCKS.
 WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... 6.7
 SPECIFIC CONDUCTANCE..... 651.
 ALKALINITY..... 192. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 425.
 CHARGE IMBALANCE (A DIFF.)... 12.0
 ANALYSIS IN MU/L

ISOTOPES (O/001)

AG....	CO ₃	MG....	5.5	SiO ₂ ...	43.
AL....	CH....	MU....			
AU....	CU....	NA....	100.	SO ₄ ...	9.
H....	F....	NA+K...			
HA....	FE+3....	NO ₃ ...	0.05		
CA.... 21.	HCO ₃	PO ₄ ...	0.02		
CL....	H ₂ S....				
CL.... 26.					
CO....					

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00436

GEOTHERM FILE 101 0081116

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ATLANTA HOT SPRING
 WELL/SPRING NUMBER... 06N-11E-75-04D 25

LOCATION:
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELAHOE
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... ATLANTA EAST 1124000

COORDINATES
 LAT/LONG... 43-48.62 N 115-06.74 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE, UNCERTAIN WHICH SPRING SAMPLED
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/07/00 HOSS
 TEMPERATURE (C)..... 79.
 DISCHARGE..... 79. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS
 DATE/ANALYST..... HOSS REPORT

P..... 4.6
 SPECIFIC CONDUCTANCE..... 300.
 ALKALINITY..... 69. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 234.
 CHARGE IMBALANCE (A DIFF.)... 1.5

ISOTOPES (O/001)

AG....	CO ₃	MU....	0.4	SiO ₂ ...	78.
AL....	CH....	MU....			
AU....	CU....	NA....	65.	SO ₄ ...	39.
H....	F....	NA+K...			
HA....	FE+3....	NO ₃ ...	0.1		
CA.... 1.0	HCO ₃				

CI.... 6.0 K..... 1.6
 CO.....
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER DEPARTMENT
 REFERENCE..... ROSS, 1971

RECORD 00437

GEOTHERM FILE 101 0025135

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ATLANTA HOT SPRING #1
 WELL/SPRING NUMBER..... 06N-11E-35-UAD
 LOCATION
 COUNTY..... UNITED STATES 06N 011E 35 SE OF NE SE
 STATE..... IDAHO
 COUNTY..... ELMORE

COORDINATES

LAT/LONG... 43-48.70 N 115-06.56 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 63.
 DISCHARGE..... 378.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 0043

GEOTHERM FILE 101 0025125

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BASSET HOT SPRING
 WELL/SPRING NUMBER..... 04N-07E-01-AAB
 LOCATION
 COUNTY..... UNITED STATES 04N 007E 01 NW OF NE NE
 STATE..... IDAHO
 COUNTY..... ELMORE

COORDINATES

LAT/LONG... 43-43.05 N 115-33.75 W

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00439

GEOTHERM FILE 101 0000521

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BENNETT CREEK AREA
 WELL/SPRING NUMBER..... 03S-00E-36-CD1
 LOCATION
 COUNTY..... UNITED STATES 03S 000E 36 NE OF SE SW
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 17

COORDINATES

LAT/LONG... 43-06.89 N 115-27.94 W
 UTM ZONE... 11
 NORTHING... 6774494
 EASTING... 624832

WSP REFERENCE..... BENNETT MTS. 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/08/14

TEMPERATURE (C)..... 84.0
 WELL DEPTH (M)..... 143
 DISCHARGE..... E 2550, L741N

PERMEANT LITHOLOGY..... PLIOGENE AND PLEISTOCENE SEDIMENTS,
 OTHER SAMPLE INFORMATION... FLOWING WELL

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 P1..... 8.5
 SPECIFIC CONDUCTANCE..... 382.
 ALKALINITY..... 144.
 TOTAL DISSOLVED SOLIDS... 297.
 CHARGE IMBALANCE (% DIFF.)... 7.7

AS CAC03

ANALYSIS

ISOTOPIES (0/00)

AG....	C03....	50.	MG....	N		
AL....	CR....		MO....		5102.	80.
AU....	CU....		NA....	87.		
B....	F....	17.	NA+K.		504..	14.
BA....	FE+3....		NO3..	0.06		
CA....	HC03....	74.				
CL....						
CO....	K....	0.8				

OTHER ANALYTICAL DATA... P = 0.04

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00440

GEOTHERM FILE 101 0025287

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... REVERLY OLSEN WELL
 WELL/SPRING NUMBER..... 045-07E-19-BDB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04S 067E 19 NW OF SE NW
 STATE..... IDAHO
 COUNTY..... ELMORE
 MAP REFERENCE..... MOUNTAIN HOME SOUTH 1124000

LAT/LONG... 43-03.88 N 115-40.19 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 184.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00441

GEOTHERM FILE 101 0081120

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... REVERLY OLSON WELL
 WELL/SPRING NUMBER..... 045-07E-19-BDB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04S 007E 19 NW OF SE NW
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... CHATER RINGS SW 1124000

LAT/LONG... 43-04.01 N 115-54.35 W

OTHER LOCALITY INFORMATION

LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/10 MUSS
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 145.

DISCHARGE..... L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.
 WATER ANALYSIS

MOSS REPORT

DATE/ANALYST.....
 P..... 8.0
 SPECIFIC CONDUCTANCE..... 306.
 ALKALINITY..... 115.
 TOTAL DISSOLVED SOLIDS..... 234.
 CHARGE IMBALANCE (% DIFF.)... 2.0
 ANALYSIS IN MG/L

AS CaCO3

ISOTOPES (0/001)

AG....	CO3....	N	MG....	8.1		
AL....	CH....		MO....		5102.	65.
AU....	CU....		NA....	27.	504..	14.
BA....	F....	1.0	NA+K.			
BR....	FE+3....		NO3..	0.63		
CA....	HCO3....	144.	PO4..	0.003		
CD....	H2S....					
CL....						
CO....	K....	5.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENNAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1940

RECORD 00442

GEOTHERM FILE ID 0081122

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HILL DAVIS WELL
 WELL/SPRING NUMBER..... 045-04E-08-ACA 1
 LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 045 004E 08 VE OF SW VE
 STATE..... IDAHO MERIDIAN HOISE
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE.. 17

LAT/LONG... 43-05.54 N 115-24.44 W

MAP REFERENCE..... BENNETT Mtn. 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/29 MITCHELL, JOHN AND YOUNG, HILL
 TEMPERATURE (C)..... 62.
 WELL DEPTH (M)..... 35H.

PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.
 WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P..... 9.2
 SPECIFIC CONDUCTANCE..... 307.
 ALKALINITY..... 133.
 TOTAL DISSOLVED SOLIDS..... 283.
 CHARGE IMBALANCE (% DIFF.)... 1.7
 ANALYSIS IN MG/L

AS CaCO3

ISOTOPES (0/001)

AG....	CO3....	41.	MG....	N		
AL....	CH....		MO....		5102.	65.
AU....	CU....		NA....	82.	504..	14.
BA....	F....	16.	NA+K.			
BR....	FE+3....		NO3..	0.05		
CA....	HCO3....	81.	PO4..	0.03		
CD....	H2S....					

CI.... 3.2 K.... 0.8
 CO....
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00443

GEOTHERM FILE 101 0025095

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BLACK MESA FARM WELL
 WELL/SPRING NUMBER..... 045-10E-12-CAA
 LOCATION:
 COUNTY..... UNITED STATES 06S 010E 12 NE OF NE SW
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 301.
 DISCHARGE..... 75. L/MIN

COORDINATES

LAT/LONG... 42-54.88 N 115-12.88 W

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEKANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00444

GEOTHERM FILE 101 0025123

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BRIDGE HOT SPRING
 WELL/SPRING NUMBER..... 02N-10E-05-ACA
 LOCATION:
 COUNTY..... UNITED STATES 02N 010E 05 NE OF SW NE
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 19
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 54.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEKANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

COORDINATES

LAT/LONG... 43-32.39 N 115-18.46 W

RECORD 00445

GEOTHERM FILE 101 0025278

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ARROWS HOT SPRING
 WELL/SPRING NUMBER..... 05N-08E-10-DCO
 LOCATION:
 COUNTY..... UNITED STATES 05N 008E 10 SE OF SW SE
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 14
 REFERENCE..... GRAND MTN. 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 50.

COORDINATES

LAT/LONG... 43-46.71 N 115-22.70 W

DISCHARGE..... 757. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00446

GEOTHERM FILE 101 0081126

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHARLES ANDERSON WELL
 WELL/SPRING NUMBER..... 055-11E-07-ACC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES... USS 011E 07 SW OF SW NE
 STATE..... IDAHO... MERID: MOISE
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... KING HILL 1162500

LAT/LONG... 43-00.20 N 115-11.56 W

OTHER LOCALITY INFORMATION: LOCATION GIVEN IN YOUNG AND MITCHELL AS 55-100E-07-ACC1.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/19 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 32.
 WELL DEPTH (M)..... 396.

PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... 865
 SPECIFIC CONDUCTANCE..... 367.
 ALKALINITY..... 161. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 235

CHARGE IMBALANCE (X DIFF.)... 0.3

ANALYSIS IN MG/L

ISOTOPES (O/DA)

AG....	CO3....	16.			
AL....	CA....		MG... N		
AU....	CU....		MO...	5102.	42.
H....	F....	20.	NA...	79.	
HA....	FE+3....		NA+K.	504..	14.
CA.... 7.5	HCO3....	115.	NO3...	0.03	
CI....	H2S....		PO4...	0.03	
CL.... 0.1					
CO....	K....	0.9			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00447

GEOTHERM FILE 101 0025276

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHARLES ANDERSON WELL
 WELL/SPRING NUMBER..... 055-11E-07-ACC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES... USS 011E 07 SW OF SW NE
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... KING HILL 1162500

LAT/LONG... 43-00.22 N 115-11.57 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 396.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00448

GEOTHERM FILE 101 0015266

OBTAINING SAMPLE FILE

NAME OF SAMPLE SOURCE... CHARLES BAKER WELL
 WELL/SPRING NUMBER..... 03N-010E-10-AB01
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE...

COORDINATES

LAT/LONG... 43-36.96 N 115-14.75 W
 UTM ZONE... 11
 NORTHING... 6829806
 EASTING... 641832

MAP REFERENCE..... GHOUSE HUTTE 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1977/10/14 MITCHELL, JOHN
 POINT OF COLLECTION... WELL HEAD
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 90.
 DISCHARGE..... 13. L/MIN
 WATER TREATMENT..... 8 BOTTLE SAMPLE 3FF FU FU RU 2HC

ANALYSIS

D..... 9.7 ATIC 25.
 SPECIFIC CONDUCTANCE..... 260.
 ALKALINITY..... 140. AS CAC03
 TOTAL DISSOLVED SOLIDS... 236.
 CHARGE IMBALANCE (X DIFF).... 18.6
 ANALYSIS IN MU/L

ISOTOPES (0/001)

CO ₂ 52.	LI..... 0.05
CH.....	MG..... N
AS..... 0.02	NO..... 5132. 67.
CU.....	NA..... 55.
H..... 0.02	VA..... 504. 18.
HA.....	VA.....
CA..... 7.4	MC03..... 65.
CA.....	MG..... N
CI.....	H2S.....
CI..... 1.9	PO4..... 0.05
CO.....	K..... 0.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980.

RECORD 00449

GEOTHERM FILE 101 0001124

OBTAINING SAMPLE FILE

NAME OF SAMPLE SOURCE... CHARLES BAKER WELL
 WELL/SPRING NUMBER..... 03N-010E-10-AB01
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE...

COORDINATES

LAT/LONG... 42-56.79 N 115-29.60 W

COUNTY..... UNITED STATES 055 008E 34 SW OF SE 1/4
 STATE..... IDAHO MERIDIAN BOISE
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... HAMMETT 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/05 YOUNG, BILL AND MITCHELL, JOHN
 TEMPERATURE (C)..... 34
 WELL DEPTH (M)..... 402
 DISCHARGE..... 7.6 L/MIN
 PRESENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P1..... 7.7
 SPECIFIC CONDUCTANCE..... 1340
 ALKALINITY..... 654 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 859
 CHARGE IMBALANCE (% DIFF.)... 1.7
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3....	N	MG....	1.0		
AL....	CR....		MO....		5102.	50.
AR....	CU....		NA....	320.		
BA....	F....	2.2	NA+K...		504.	6.5
BR....	FE+3...		NO3...	0.04		
CA....	HCU3...	797.	PO4...	0.04		
CD....	H2S....					
CL....						
CO....	K....	11.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00450

GEOTHERM FILE 101 0025280

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHARLES COE WELL
 WELL/SPRING NUMBER... 025-05E-22-AAD
 LOCATION

COORDINATES

LAT/LONG... 43-14.44 N 115-50.26 W

COUNTY..... UNITED STATES 025 005E 22 SE OF NE 1/4
 STATE..... IDAHO
 COUNTY..... ELMORE
 MAP REFERENCE..... BRUNFAU 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21
 WELL DEPTH (M)..... 132
 DISCHARGE..... 567 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00451

GEOTHERM FILE 101 0025136

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHATTANOOGA HOT SPRING
 WELL/SPRING NUMBER... 06N-11E-35-088
 LOCATION...
 COUNTY... UNITED STATES 06N 11E 35 NW OF NW SE
 STATE... IDAHO
 COUNTY... ELMORE
 GEOLOGIC PROVINCE... 19
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)... 50.
 DISCHARGE... 37. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... ROSS, 1971

COORDINATES
 LAT/LONG... 43-48.78 N 115-06.94 W

RECORD 00452

GEOTHERM FILE 101 0025284

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COYOTE HOT SPRINGS
 WELL/SPRING NUMBER... 03S-09E-25-008
 LOCATION...
 COUNTY... UNITED STATES 03S 09E 25 NW OF SE SE
 STATE... IDAHO
 COUNTY... ELMORE
 GEOLOGIC PROVINCE... 17
 APP REFERENCE... HENNETT MIN. 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)... 57.
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-07.75 N 115-20.38 W

RECORD 00453

GEOTHERM FILE 101 0025282

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DANIEL HATCHER WELL
 WELL/SPRING NUMBER... 05S-10E-28-HUC
 LOCATION...
 COUNTY... UNITED STATES 05S 10E 28 SW OF SE NW
 STATE... IDAHO
 COUNTY... ELMORE
 GEOLOGIC PROVINCE... 17
 APP REFERENCE... GLENNS FERRY 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)... 72.
 WELL DEPTH (M)... 104.
 DISCHARGE... 379. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 42-57.70 N 115-16.62 W

RECORD 00454

GEOTHERM FILE 101 0025097

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DARRELL DRAKE WELL
 WELL/SPRING NUMBER... 055-11E-18-HCB
 LOCATION: TOWNSHIP-RANGE
 COUNTY... UNITED STATES 055 011E 18 NW OF SW 1/4
 STATE... IDAHO
 COUNTY... ELMORE
 GEOLOGIC PROVINCE... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)... 27.
 WELL DEPTH (M)... 73.
 DISCHARGE... 18. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 42-59.45 N 115-12.06 W

RECORD 00455

GEOTHERM FILE 101 0025290

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... DAVE SPENCER WELL
 WELL/SPRING NUMBER... 045-00E-25-HCA
 LOCATION: TOWNSHIP-RANGE
 COUNTY... UNITED STATES 045 000E 25 NE OF SW 1/4
 STATE... IDAHO
 COUNTY... ELMORE
 GEOLOGIC PROVINCE... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)... 24.
 WELL DEPTH (M)... 142.
 DISCHARGE... 7570. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-03.00 N 115-41.53 W

RECORD 00456

GEOTHERM FILE 101 0025108

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... DELL FOSTER WELL
 WELL/SPRING NUMBER... 035-07E-03-ADD
 LOCATION: TOWNSHIP-RANGE
 COUNTY... UNITED STATES 035 007E 03 SE OF SE 1/4
 STATE... IDAHO
 COUNTY... ELMORE
 GEOLOGIC PROVINCE... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)... 31.
 WELL DEPTH (M)... 176.
 DISCHARGE... 15M. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-11.45 N 115-35.89 W

RECORD 00457

GEOTHERM FILE ID: 0081115

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DUTCH FRANK'S HOT SPRING
WELL/SPRING NUMBER... 05N-09E-07-HBA 15
WELL NUMBER... 119

LOCATION

COUNTRY... UNITED STATES
STATE... IDAHO
COUNTY... ELMORE
GEOLOGIC PROVINCE... 19
MAP REFERENCE... GRAND MTN. 1524000

TOWNSHIP-RANGE

USN 009E 07 VE OF NW NW
MERID: BUISE

COORDINATES

LAT/LONG... 43-47.36 N 115-26.06 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1972/08/17 MITCHELL, JOHN AND YOUNG, BILL
TEMPERATURE (C)... 65.
DISCHARGE... E 1136 L/MIN

PERTINENT LITHOLOGY... CRETACEOUS GRANITIC ROCK.

ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY
PH... 8.6
SPECIFIC CONDUCTANCE... 263.
ALKALINITY... 81.
TOTAL DISSOLVED SOLIDS... 223.
CHARGE IMBALANCE (A DIFF.)... 7.4

ANALYSIS IN MG/L

AG...	CO3...	40.			
AL...	CA...		MG...	0.2	
AU...	CU...		MO...		5102. 12.
H...	F...	10.	NA...	57.	
BB...	FE...		VA...		504.. 34.
CA...	HCO3...	17.	NO3...	0.02	
CI...	H2S...		PO4...	0.03	
CL...					

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE D.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE... YOUNG AND MITCHELL, 1973

RECORD 00458

GEOTHERM FILE ID: 0025103

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FRANK LUTZ WELL #1
WELL/SPRING NUMBER... 04S-06E-31-000

LOCATION

COUNTRY... UNITED STATES
STATE... IDAHO
COUNTY... ELMORE

TOWNSHIP-RANGE

USN 006E 31 SE OF SE SE

COORDINATES

LAT/LONG... 43-01.61 N 115-46.55 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 21.
WELL DEPTH (M)... 149.
DISCHARGE... 2636 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RINEGAVETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS. 1980

RECORD 00459

GEOTHERM FILE 101 0025138

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... FRED HICKEY WELL
 WELL/SPRING NUMBER..... 025-USE-11-ADD
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 71.
 WELL DEPTH (M)..... 141.
 DISCHARGE..... 507. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... YOUNG. 1977

COORDINATES
 LAT/LONG... 43-15.98 N 115-49.13 W

RECORD 00460

GEOTHERM FILE 101 0025281

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... GRANITIC CREEK HOT SPRING
 WELL/SPRING NUMBER..... 05N-09E-05-ADA
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... GRAND MTN. 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 65.
 DISCHARGE..... 75. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

COORDINATES
 LAT/LONG... 43-48.20 N 115-24.04 W

RECORD 00461

GEOTHERM FILE 101 0025283

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... HOT SPRINGS
 WELL/SPRING NUMBER..... 03S-08E-16-CCC
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 MAP REFERENCE..... MOUNTAIN HOME 1162500
 SAMPLE DESCRIPTION AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS. 1980

COORDINATES
 LAT/LONG... 43-09.32 N 115-31.06 W

RECORD 00462

GEOTHERM FILE 101 0025104

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HUGH HARDEN WELL

WELL/SPRING NUMBER... 045-006-07-CAA

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

045 006E 07 NE OF NE SW

COORDINATES

LAT/LONG... 43-01.83 N 115-48.39 W

STATE... IOWA

COUNTY... ELMORE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 22.

WELL DEPTH (M)... 163.

DISCHARGE... 121. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1986

RECORD 00463

GEOTHERM FILE 101 0025137

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOEL GRANT WELL

WELL/SPRING NUMBER... 025-04E-2H-H00

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

025 04E 28 SE OF SE NW

COORDINATES

LAT/LONG... 43-13.34 N 115-59.18 W

STATE... IOWA

COUNTY... ELMORE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 27.

WELL DEPTH (M)... 326.

DISCHARGE... 6435. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE... YOUNG, 1977

RECORD 00464

GEOTHERM FILE 101 0025109

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHN DUNAWAY WELL

WELL/SPRING NUMBER... 045-04E-32-ACC

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

045 004E 32 SW OF SW NE

COORDINATES

LAT/LONG... 43-02.10 N 116-00.37 W

STATE... IOWA

COUNTY... ELMORE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 21.

WELL DEPTH (M)... 94.

DISCHARGE... 7570. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1986

RECORD 00465

GEOTHERM FILE 101 008117

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHN MALOTA WELL

WELL/SPRING NUMBER... 025-05E-23-HBC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 02S 05E 23 SW OF NW 1/4

LAT/LONG... 43-14.42 N 115-50.21 W

STATE... IDAHO

MERID: BOISE

COUNTY... ELMORE

MAP REFERENCE... CRATER RINGS 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1976/08/10 ROSS

TEMPERATURE (C)... 21.5

WELL DEPTH (M)... 120.

DISCHARGE... 7.7 L/MIN

PERCENT LITHOLOGY... PLEISTOCENE BASALTIC LAVA AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST...

ROSS REPORT

PH... 8.0

SPECIFIC CONDUCTANCE... 212

ALKALINITY... 114

AS CaCO3

TOTAL DISSOLVED SOLIDS... 215

CHARGE IMBALANCE (A DIFF)... 3.7

ANALYSIS IN MG/L

ISOTOPES (U/001)

AG...	CO3...	H	MG...	5.7		
AL...	CR...		MG...		5102.	40.
AR...	CU...		MG...			
BA...	F...	0.8	NA...	34.		
BR...	FE...		NA...		504.	19.
CA...	MG...	139.	NO3...	0.75		
CD...	MN...		PO4...	0.03		
CI...						
CO...	K...	6.5				

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... YOUNG, 1977

RECORD 00466

GEOTHERM FILE 101 0025286

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LANDA HOT SPRINGS

WELL/SPRING NUMBER... 025-10E-05-AA0

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 02N 10E 05 SE OF NE 1/4

LAT/LONG... 43-32.49 N 115-16.90 W

STATE... IDAHO

COUNTY... ELMORE

MAP REFERENCE... 19

OTHER LOCALITY INFORMATION: FEATHERVILLE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 50

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANET, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00467

GEOTHERM FILE 101 0081118

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LATTY HOT SPRINGS

WELL/SPRING NUMBER..... 035-10E-31-DOB 15

WELL NUMBER..... 131A

LOCATION

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... ELMORE

MAP REFERENCE..... BENNETT MTN. 1162500

TOWNSHIP-RANGE

035 010E 31 NW OF SE SE

MERID: BOISE

COORDINATES

LAT/LONG... 43-06.93 N 115-18.32 W

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1972/07/05 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 55

PERMIT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCK

OTHER SAMPLE INFORMATION.. MEASURED TEMPERATURE IS PROBABLY LOWER THAN AT POINT OF DISCHARGE.

WATER ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

PH..... 8.4

SPECIFIC CONDUCTANCE..... 248

ALKALINITY..... 117

AS CaCO3

TOTAL DISSOLVED SOLIDS... 243

CHARGE IMBALANCE IN DIFF. 1... 28.9

ANALYSIS IN MG/L

AG..... CO3..... 33

AL..... CR.....

AU..... CU.....

H..... F..... 7.0

HA..... FE+3.....

CA..... 0.4 HCO3..... 90

CD..... H2S.....

CL..... 2.7

CO..... K..... 1.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973.

RECORD 00468

GEOTHERM FILE 101 0025277

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LESLIE BEAM WELL #2

WELL/SPRING NUMBER..... 035-08E-36-CDA

LOCATION

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... ELMORE

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... BENNETT MTN. 1162500

TOWNSHIP-RANGE

035 008E 36 NE OF SE SW

COORDINATES

LAT/LONG... 43-06.88 N 115-27.14 W

SAMPLE DESCRIPTION AND COMPOSITIONS

TEMPERATURE (C)..... 76

WELL DEPTH (M)..... 176

DISCHARGE..... 113 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00469

GEOTHERM FILE 101 0025285

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LLOYD KNIGHT WELL
 WELL/SPRING NUMBER..... 055-10E-28-CAB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 055 010E 28 NW OF NE SW
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE.. 47
 MAP REFERENCE..... GLENNS FERRY 1324000

LAT/LONG... 42-57.56 N 115-16.58 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 135.
 DISCHARGE..... 75. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00470

GEOTHERM FILE 101 00251101

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LONG TOM RANCH WELL #2
 WELL/SPRING NUMBER..... 035-08E-06-C8C

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 035 008E 06 SW OF NW SW
 STATE..... IDAHO
 COUNTY..... ELMORE

LAT/LONG... 43-11.32 N 115-33.43 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 137.
 DISCHARGE..... 7570. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00471

GEOTHERM FILE 101 0001593

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LONG TOM RANCH WELL NO. 1
 WELL/SPRING NUMBER..... 035-07E-01-AGA1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 035 007E 01 NE OF SW NE
 STATE..... IDAHO
 COUNTY..... ELMORE
 MAP REFERENCE..... MOUNTAIN HOME 1162500

LAT/LONG... 43-11.6 N 115-33.9 W

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1976/08/13
 TEMPERATURE (C)..... 20.0

WELL DEPTH (M)..... 53.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 213.
 ALKALINITY..... 198.
 TOTAL DISSOLVED SOLIDS... 209.
 CHANGE IN BALANCE (8 DIFF.)... 38.9

AS HCO3

ANALYSIS IN MG/L

AG.....
 AL.....
 AR.....
 H.....
 HA.....
 CA..... 26.
 CO.....
 CL..... 14.
 CO.....
 K..... 5.8

CO3..... N
 CH.....
 CU.....
 F..... 0.7
 FE+3.....
 HCO3..... 198.
 H2S.....

MG..... 5.8
 MU.....
 NA..... 18.
 NA+K.....
 NO3..... 2.6
 PU4..... 0.21

ISOTOPIES (U/OW)

QUALIFICATION FIELD..... NO3 INCLUDES NO2

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB. RANDY
 COMPILED AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG 1977

RECORD 00472

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0081125

NAME OF SAMPLE SOURCE... MAGIC WEST CO.

WELL/SPRING NUMBER..... 755-10E-32-MDB 1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 17

UNSHIP-RANGE

USS VICE 32 YW OF SE YW
 MERIDUS HOUSE

COORDINATES

LAT/LONG... 42-56.87 N 115-17.75 W

WATER REFERENCE..... GLENN FERRY 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/22 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 37.5
 WELL DEPTH (M)..... 245.
 DISCHARGE..... 204 L/MIN

PERCENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 210.
 ALKALINITY..... 235.
 TOTAL DISSOLVED SOLIDS... 165.
 CHANGE IN BALANCE (8 DIFF.)... 7.2

AS CaCO3

ANALYSIS IN MG/L

AG.....
 AL.....
 AR.....
 H.....
 HA.....
 CA..... 7.5
 CO.....
 CL.....
 CO.....
 K.....

CO3..... 8.0
 CH.....
 CU.....
 F..... 13.
 FE+3.....
 HCO3..... 270.
 H2S.....

MG..... 0.2
 MU.....
 NA..... 130.
 NA+K.....
 NO3..... 0.06
 PU4..... 0.03

ISOTOPIES (U/OW)

CO..... 0.9
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00473

GEOTHERM FILE 101 0025139

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... MICHAEL JACKSON WELL
 WELL/SPRING NUMBER..... 035-J06-24-DCB

COORDINATES

LAT/LONG... 43-08.65 N 115-41.12 W

LOCATION
 COUNTY..... UNITED STATES 035 J06 24 W OF SW SE
 STATE..... IDAHO
 COUNTY..... ELMORE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 68.
 DISCHARGE..... 90. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEGAYETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00474

GEOTHERM FILE 101 0081123

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... MIKE WISSEL WELL
 WELL/SPRING NUMBER..... 055-U/E-16-AHD 1

COORDINATES

LAT/LONG... 42-59.68 N 115-37.46 W

LOCATION
 COUNTY..... UNITED STATES 055 007E 16 SE OF NW NE
 STATE..... IDAHO
 COUNTY..... ELMORE

REFERENCE..... INDIAN COVE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/10 ROSS
 TEMPERATURE (C)..... 20.5
 WELL DEPTH (M)..... 124.
 DISCHARGE..... 137.

PERMIT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 515.
 ALKALINITY..... 166. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 369.
 CHARGE IMBALANCE (A DIFF)..... 0.1

ANALYSIS IN MG/L

CO3.....	14.	SI02.....	13.
CL.....	33.	SO4.....	11.
CA.....	202.	NO3.....	0.49
MG.....	0.01	PO4.....	0.01

TOPES 10/801

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1977

RECORD 00475

GEOTHERM FILE 101 0025293

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIKE WISSIL WELL #1

WELL/SPRING NUMBER... 055-06E-24-AAD

LOCATION... UNITED STATES TOWNSHIP-RANGE 055 006E 24 SE OF NE NE

COORDINATES

LAT/LONG... 42-58.72 N 115-40.07 W

COUNTY..... IDAHO

STATE..... IDAHO

COUNTY..... ELMORE

MAP REFERENCE..... SAND DUNES 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 124.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00476

GEOTHERM FILE 101 0025113

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOUNTAIN HOME CITY WELL

WELL/SPRING NUMBER... 035-06E-26-AUC

LOCATION... UNITED STATES TOWNSHIP-RANGE 035 006E 26 SE OF SE NE

COORDINATES

LAT/LONG... 43-08.05 N 115-41.93 W

COUNTY..... IDAHO

STATE..... IDAHO

COUNTY..... ELMORE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.

WELL DEPTH (M)..... 704.

DISCHARGE..... 0.556 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00477

GEOTHERM FILE 101 0081114

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NENMEYER HOT SPRING

WELL/SPRING NUMBER... 05N-07E-24-HUD 15

WATER NUMBER..... 116

LOCATION... UNITED STATES TOWNSHIP-RANGE 05N 007E 24 SE OF SE NW

COORDINATES

LAT/LONG... 43-45.5 N 115-34-5 W

COUNTY..... IDAHO

STATE..... IDAHO

COUNTY..... ELMORE

MAP REFERENCE..... DANFEL FLAT 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE: PART OF SPRING COMPLEX

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/05/06 MARINER, H. B. EVANS, W.

TEMPERATURE (C)..... 75.

DISCHARGE..... 1321. L/MIN
 PERCENT LITHOLOGY..... CHETACEOUS GRANITIC ROCKS.
 WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P1..... 9.35
 SPECIFIC CONDUCTANCE..... 296.
 ALKALINITY..... 106.
 TOTAL DISSOLVED SOLIDS... 267.
 CHARGE IMBALANCE (% DIFF.)... 0.4

AS MC03

ANALYSIS IN MG/L

AG....	CO3..... 51.	LI....	0.09		
AL.... 0.040	CR.....	MG....	L 0.01		
AS....	CS..... L 0.1	MN....	L 0.010		
AU....	CU..... L 0.010	MO....		5102.	100.
H.... 0.03	F..... 10.	NA....	62.		
HA....	FE+3....	NA-A.		504..	20.
HE....	FE(TOT). L 0.020	NI....	L 0.020		
HR....	GE.....	NO3..	0.02		
CA.... 1.5	HCO3..... 106.	PO....	L 0.1		
CA+G.	MG.....	PO4..	0.03		
CD.... L 0.005	H2S.....	RO....	0.02	ZN... L 0.010	
CL.... 2.0	I.....				
CO.... L 0.020	K..... 1.0				

ISOTOPES (0/00)

COMPLEMENTARY ANALYSIS

DATE/ANALYST..... 1978/07/00 HARNES GROUP

GAS ANALYSIS

DATE/ANALYST..... 1978/07/00 HARNES GROUP

ANALYSIS IN MG/L

AR.... 1.0			
CH4.. 0.02			
C2H4. L 0.01	N2.... 96.17		
CO2.. 0.02	O2.... L 0.1		
H2... 0.00			
HE... 0.00			

ISOTOPES (00/01)

OTHER ANALYTICAL DATA... CARBONATE ALKALINITY AT TITRATION TEMPERATURE CALCULATED BY SOLMNEU. MC03 20. MG/L; CO3 7.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MARINER, W., USGS, MENLO PARK

RECORD 00478

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0081121

NAME OF SAMPLE SOURCE... NORTHWEST PIPELINE WELL

WELL/SPRING NUMBER... 045-008-36-HBA 1

(0081121)

COUNTRY..... UNITED STATES 045 008 36 NE OF NA VM

STATE..... IDAHO MERIDIAN BOISE

COUNTY..... ELMORE

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... HENNING MIN 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/06/00 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 30.

COORDINATES

LAT/LONG... 43-02.25 N 115-27.46 W

WELL DEPTH (M)..... 541.
 DISCHARGE..... L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.
 WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... 7.8
 SPECIFIC CONDUCTANCE..... 703.
 ALKALINITY..... 304.
 TOTAL DISSOLVED SOLIDS..... 491.
 CHARGE BALANCE (% DIFF.)... 8.6
 ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG..... 0.2
 AU..... CU..... MO..... S102. 86.
 H..... F..... 3.0 NA..... 150.
 HA..... FE..... 3.0 NA+K..... S04.. 5.4
 MI..... GA..... NM4..... N
 CA..... 3.4 HCO3..... 447. NO3..... 0.05
 CD..... H2S..... PO4..... 0.05
 CL..... 10.
 CO..... K..... 3.7
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

ISOTOPES 10/001

RECORD 00479

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0001112

NAME OF SAMPLE SOURCE... PARADISE HOT SPRING
 WELL/SPRING NUMBER... 03N-10E-33-ACD 15
 WELP NUMBER... 129

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... FEATHERVILLE 1124000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE.

LAT/LONG... 43-33.16 N 115-16.02 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1977/10/04 MITCHELL, JOHN
 TEMPERATURE (C)..... 53.
 DISCHARGE..... 946. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... 9.2
 SPECIFIC CONDUCTANCE..... 230.
 ALKALINITY..... 111.
 TOTAL DISSOLVED SOLIDS..... 111.
 CHARGE BALANCE (% DIFF.)... 8.0

ANALYSIS IN MG/L

ISOTOPES 10/001

AG..... CO3..... 3.0 LI..... 0.03
 AL..... CR..... MO.....
 AS..... 0.002 CU..... MO..... S102. 13.
 AU.....

H.....	0.02	F.....	3.3	NA...	48.	504..	15.
HA.....		FE+3....		NA+K...			
HI.....		GA.....		NH4...	0.03		
CA.....	9.2	HC03....	66.	NO3...	0.01		
CA+MG...		MG.....	N	PO4...	0.01		
CO.....		M2S.....					
CL.....	3.2						
CO.....		K.....	1.1				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00480

GEOTHERM FILE 101 001113

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PARADISE RESORT WELL
 WELL/SPRING NUMBER..... NJN-10E-33-HOB 1
 WPTIN NUMBER..... 129A

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 MAP REFERENCE..... FEATHERVILLE 1124000

TOWNSHIP-RANGE

USN UICE 33 NW OF SE 14
 MERID: BOISE

COORDINATES

LAT/LONG... 43-33.28 N 115-10.44 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/04/29 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 56.
 WELL DEPTH (M)..... 54.
 DISCHARGE..... L/MIN

PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 4.2
 SPECIFIC CONDUCTANCE..... 232.
 ALKALINITY..... 44.
 TOTAL DISSOLVED SOLIDS... 200.
 CHARGE IMBALANCE (% DIFF.)... 8.8

ISOTOPES (0200)

ANALYSIS IN MG/L					
AG.....	CO3.....	35.	MG...	0.1	
AL.....	CA.....		MU...	5102.	69.
AU.....	CU.....		NA...	50.	
H.....	F.....	3.1	NA+K...	504..	17.
HA.....	FE+3....		NO3...	0.04	
CH.....	HC03....	45.	PO4...	0.03	
CO.....	M2S.....				
CL.....					
CO.....	K.....	1.0			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00481

GEOTHERM FILE 101 0025120

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PARADISE RESORT WELL
 WELL/SPRING NUMBER..... 03N-10E-33-ACD
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 TOWNSHIP-RANGE
 03N 010E 33 SE OF SW NE
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 34.
 WELL DEPTH (M)..... 57.
 DISCHARGE..... 75. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

COORDINATES
 LAT/LONG... 43-33.28 N 115-16.44 W

RECORD 00402

GEOTERM SAMPLE FILE

GEOTERM FILE 101 0025107

NAME OF SAMPLE SOURCE... PETE NIELSON WELL
 WELL/SPRING NUMBER..... 04S-00E-19-ABC
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 TOWNSHIP-RANGE
 04S 00E 19 SW OF NW NE
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 147.
 DISCHARGE..... 7570. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... YOUNG, 1977

COORDINATES
 LAT/LONG... 43-04.01 N 115-54.32 W

RECORD 00403

GEOTERM SAMPLE FILE

GEOTERM FILE 101 0025129

NAME OF SAMPLE SOURCE... POOL CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 05N-01E-24-ABD
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 TOWNSHIP-RANGE
 05N 00E 24 SE OF NE NE
 GEOLOGIC PROVINCE... 19
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 42.
 DISCHARGE..... 7. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-45.57 N 115-33.01 W

RECORD 00404

GEOTERM SAMPLE FILE

GEOTERM FILE 101 0025102

NAME OF SAMPLE SOURCE... RALPH MORE WELL
 WELL/SPRING NUMBER..... 04S-00E-35-BCD

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 198.
 DISCHARGE..... 11240. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES
 LAT/LONG... 43-02.00 N 115-42.71 W

RECORD 00485

GEOTHERM FILE 101 0025294

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RALPH YRAZABAL WELL
 WELL/SPRING NUMBER... 045-07E-09-HBA

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 MJD REFERENCE..... MOUNTAIN HOME SOUTH 1:24000

COORDINATES
 LAT/LONG... 43-04.96 N 115-37.99 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 173.
 DISCHARGE..... 10220. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00486

GEOTHERM FILE 101 0025288

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BATTLESNAKE WARM SPRING
 WELL/SPRING NUMBER... 03N-07E-07-UCA

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 19
 MJD REFERENCE..... LONG GULCH 1:24000

COORDINATES
 LAT/LONG... 43-36.32 N 115-39.82 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 56.

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00487

GEOTHERM FILE 101 0025099

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RAY THOMPSON WELL
 WELL/SPRING NUMBER... 055-10E-25-ACA

LOCATION
 COUNTY..... IDAHO

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 144.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

LAT/LONG... 42-57.75 N 115-12.59 W

RECORD 00488

GEOTHERM FILE 101 0025127

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... REED HOT SPRINGS
 WELL/SPRING NUMBER..... 04N-07E-07-ADC
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 19
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 41.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

COORDINATES
 LAT/LONG... 43-39.40 N 115-39.04 W

RECORD 00489

GEOTHERM FILE 101 0081119 1

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... ROBERT HUIZE WELL #1
 WELL/SPRING NUMBER..... 04S-05E-75-HHC 1
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... CHATEL WINGS SE 1124000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1976/08/16 ROSS
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 162.
 REMARKS LITHOLOGY..... PLEISTOCENE BASALTIC LAVA AND SEDIMENTS.
 OTHER SAMPLE INFORMATION.. OBSERVATION WELL FOR GROUND WATER LEVELS.
 WATER ANALYSIS
 ANALYST..... ROSS REPORT
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 124
 ALKALITY..... 59 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 117
 CHARGE IMBALANCE IN DIFF... 2.0
 ANALYSIS IN MU/L
 AL..... CO3..... N LI..... SB.....
 AL..... CA..... MO..... 2.0 SC.....

COORDINATES
 LAT/LONG... 43-03.19 N 115-48.90 W

ISOTOPES (0/001)
 DEL D OF WATER..... -128.5
 DEL O18 OF WATER... -17.5

AU....	CI.....	MO....	SI02..	41.
H.....	F.....	NA....	9.4	
HA.....	FE+J....	NA+K..	SO4..	6.6
CA.....	13. MC03....	NO3..	0.36	
CD.....	M25.....	PO4..	0.61	
CL.....	2.3			
CO.....	K.....	3.0		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAMO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1977

RECORD 00490

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025279

NAME OF SAMPLE SOURCE... ROBERT BRUCE WELL #1
 WELL/SPRING NUMBER..... 045-05E-25-HBC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04S 00SE 25 SW OF NW NW
 STATE..... IDAMO
 COUNTY..... ELMORE

LAT/LONG... 43-03.19 N 115-48.90 W

MAP REFERENCE..... CHATER RINGS S.E. 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 73. AT (M).... 47.
 WELL DEPTH (M)..... 161.

REFERENCE AND IDENTIFICATION

COMPILED BY..... WIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1986

RECORD 00491

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025106

NAME OF SAMPLE SOURCE... ROBERT BRUCE WELL #2
 WELL/SPRING NUMBER..... 045-05E-25-AAD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04S 00SE 26 SE OF NE NE
 STATE..... IDAMO
 COUNTY..... ELMORE

LAT/LONG... 43-03.11 N 115-48.96 W

GEOLOGIC PROVINCE, 17

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 74.
 WELL DEPTH (M)..... 115.
 DISCHARGE..... 4513 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... WIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1986

RECORD 00492

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025112

NAME OF SAMPLE SOURCE... ROBERT FORD WELL #1
 WELL/SPRING NUMBER..... 035-07E-02-ACA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03S 007E 02 NE OF SW NE

LAT/LONG... 43-11.63 N 115-35.01 W

STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 31.
 WELL DEPTH (M)..... 158.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00493

GEOHEM SAMPLE FILE

GEOHEM FILE 101 0025111

NAME OF SAMPLE SOURCE... RUMERT FORD WELL #2
 WELL/SPRING NUMBER..... 035-07E-02-ACC
 LOCATION: IDAHO-SHIP-RANGE

COORDINATES

LAT/LONG... 43-11.56 N 115-35.14 W

COUNTRY..... UNITED STATES 035 007E 02 SW OF SW NE
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 151.
 DISCHARGE..... 17. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00494

GEOHEM SAMPLE FILE

GEOHEM FILE 101 0025496

NAME OF SAMPLE SOURCE... RUMERT GRAHAM WELL
 WELL/SPRING NUMBER..... 055-11E-19-CCA
 LOCATION: IDAHO-SHIP-RANGE

COORDINATES

LAT/LONG... 42-58.17 N 115-12.01 W

COUNTRY..... UNITED STATES 055 011E 19 NE OF SW SW
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 130.
 DISCHARGE..... 71. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00495

GEOHEM SAMPLE FILE

GEOHEM FILE 101 0025289

NAME OF SAMPLE SOURCE... RODNEY RUMERY WELL
 WELL/SPRING NUMBER..... 055-11E-18-HAD
 LOCATION: IDAHO-SHIP-RANGE

COORDINATES

LAT/LONG... 42-59.60 N 115-11.73 W

COUNTRY..... UNITED STATES 055 011E 18 SE OF NE NW
 STATE..... IDAHO

COUNTY.....ELMORE
 GEOLOGIC PROVINCE...19
 MAP REFERENCE.....PASADENA VALLEY 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C).....23.
 WELL DEPTH (M).....132.
 DISCHARGE.....45. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY.....RIDEGANETA, KIM M.
 COMPILER AFFILIATION...IDAHU DEPT. OF WATER RESOURCES
 REFERENCE.....MITCHELL AND OTHERS, 1980

RECORD 00496

GEOTHERM FILE 101 0025126

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE...SHEEP CREEK BRIDGE HOT SPRING
 WELL/SPRING NUMBER.....04N-07E-08-CBB
 LOCATION

COORDINATES

LAT/LONG... 43-39.40 N 115-39.04 W

COUNTY.....UNITED STATES 04N 007E 08 NW OF NW SE
 STATE.....IDAHU
 COUNTY.....ELMORE
 GEOLOGIC PROVINCE...19

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C).....61.

REFERENCE AND IDENTIFICATION

COMPILED BY.....RIDEGANETA, KIM M.
 COMPILER AFFILIATION...IDAHU DEPT. OF WATER RESOURCES
 REFERENCE.....ROSS, 1971

RECORD 00497

GEOTHERM FILE 101 0025132

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE...SMITH CANYON HOT SPRING
 WELL/SPRING NUMBER.....05N-07E-34-DBA
 LOCATION

COORDINATES

LAT/LONG... 43-43.45 N 115-36.24 W

COUNTY.....UNITED STATES 05N 007E 34 NE OF NW SE
 STATE.....IDAHU
 COUNTY.....ELMORE
 GEOLOGIC PROVINCE...19

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C).....59.

DISCHARGE.....2649. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY.....RIDEGANETA, KIM M.
 COMPILER AFFILIATION...IDAHU DEPT. OF WATER RESOURCES
 REFERENCE.....ROSS, 1971

RECORD 00498

GEOTHERM FILE 101 0025291

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE...STRAIGHT CREEK HOT SPRING
 WELL/SPRING NUMBER.....05N-08E-12-ABU
 LOCATION

COORDINATES

LAT/LONG... 43-47.29 N 115-26.00 W

COUNTY.....UNITED STATES 05N 008E 12 SE OF NW NE
 STATE.....IDAHU
 COUNTY.....ELMORE

GEOLOGIC PROVINCE.. 19
 HSP REFERENCE..... GRAND MTN. 132-000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 52.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00499

GEOTHERM FILE 101 0025105

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TERRY PETERMAN WELL
 WELL/SPRING NUMBER..... 045-05E-26-CAB
 LOCATION
 COUNTY..... UNITED STATES 045 00SE 26 NW OF NE SW
 STATE..... IDAHO
 COUNTY..... ELMORE

COORDINATES

LAT/LONG... 43-02.83 N 115-49.76 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 122.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00500

GEOTHERM FILE 101 0025101

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TOM GILL WELL
 WELL/SPRING NUMBER..... 045-06E-01-USA
 LOCATION
 COUNTY..... UNITED STATES 045 00SE 01 NE OF NW SE
 STATE..... IDAHO
 COUNTY..... ELMORE

COORDINATES

LAT/LONG... 43-06.15 N 115-26.79 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 58.
 WELL DEPTH (M)..... 43M.
 DISCHARGE..... 18926.

WATER ANALYSIS

DATE/ANALYST..... L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00501

GEOTHERM FILE 101 0025292

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TOWIE CREEK WARM SPRING
 WELL/SPRING NUMBER..... 02N-10E-19-AHA
 LOCATION
 COUNTY..... UNITED STATES 02N-10E 19 NE OF NW NE
 STATE..... IDAHO
 COUNTY..... ELMORE

COORDINATES

LAT/LONG... 43-29.98 N 115-18.46 W

GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... PINE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 24.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00502

GEOOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025098

NAME OF SAMPLE SOURCE... UNION PACIFIC RR WELL
 WELL/SPRING NUMBER..... 055-11E-07-CBB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE

LAT/LONG... 43-00-16 N 115-12-14 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.
 DISCHARGE..... 18. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... RUSS, 1971

RECORD 00503

GEOOTHERM SAMPLE FILE

GEOTHERM FILE 101 002513202

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING
 WELL/SPRING NUMBER..... 05N-07E-34-C

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE

LAT/LONG... 43-43. N 115-37-50 W

GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... SHEEP CREEK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/SECTION..... 1978/05/06 MAHINER, M.I-EVANS, W.
 TEMPERATURE (C)..... 54.

DISCHARGE..... 151. L/MIN

ANALYSIS

PH..... 9.31
 SURFIC CONDUCTANCE..... 209
 ALKALINITY..... 82 AS HCO3
 C/ANAL BALANCE (A DIFF.)... 1.3

ANALYSIS IN MU/L

ANALYSIS IN MU/L		ISOTOPES (0/001)	
AD.....	CO3.....	LI...	0.04
AL.....	CR.....	MG...	L 0.01
AS.....	CS..... L 0.1	NA...	L 0.010
AI.....	CU..... L 0.010	MU...	5102. 62.
HA..... 0.02	F..... 5.3	NA...	44.
HA.....	FE.....	NAOK.	504.. 18.
HP.....	FE11011. L 0.020		
HA.....	UP.....	NI...	L 0.020
HA.....	HCO3..... 82.		

CA+MG. MG..... PB... L 0.1
 CD.... L 0.005 RH... L 0.02 ZN... L 0.010
 CL.... 2.0 I.....
 CO.... L 0.020 K..... 0.07

CONDENSED ANALYSIS

DATE/ANALYST..... 1978/07/00 BARNES GROUP
 OTHER ANALYTICAL DATA... CARBONATE ALKALINITY AT TITRATION TEMPERATURE CALCULATED BY SOLMNEQ. HCO3 21. MG/L CO3 7.0
 MG/L.

REFERENCE AND IDENTIFICATION

COMPILED BY..... HUEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MARINE, R., USGS, MENLO PARK

RECORD 00504

GEOTHERM FILE 101 0001594

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... INNAMED WELL ENE OF JACK SPRING (1)
 WELL/SPRING NUMBER... 055-04E-05-CA01

LOCATION

COUNTRY..... UNITED STATES USS 004E 65 NE OF NE SW
 STATE..... IDAHO MERID: BOISE
 COUNTY..... ELMOPE
 MAP REFERENCE..... DORSEY BUTTE 1:24000

COORDINATES

LAT/LONG... 43-01.1 N 116-00.4 W

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/11
 TEMPERATURE (C)..... 21.0
 WELL DEPTH (M)..... 183.

MAJOR ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 148.
 ALKALINITY..... 81. AS HCO3
 TOTAL DISSOLVED SOLIDS... 120.
 CHARGE IMBALANCE (X DIFF.)... 44.4

ANALYSIS IN MG/L

AN....	CO3....	1.0	LI...	SH...
AL....	CH....		MG...	SC...
AU....	CU....		MO...	SI02..
4....	F....	0.3	NA...	37.
4A....	FE+3....		NA+K..	SO4... 6.0
CA.... 11.	HCO3....	81.	NO3...	0.78
CO....	M2S....		PO4...	0.03
CL.... 2.1				
CO....	K.....	4.1		

ISOTOPES (PROM)

DEL D OF WATER..... -127.8
 DEL O (18) OF WATER... -16.0

QUANTIFICATION FIELD... V03 INCLUDES NO2

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEN, MANDY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG, 1977

RECORD 00505

GEOTHERM FILE 101 0001595

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... INNAMED WELL NE OF RATTLESNAKE SPRINGS (1)
 WELL/SPRING NUMBER... 055-04E-15-HC01

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 MAP REFERENCE..... SAND UNITS 1124000

USS 006E 15 SE OF SW NW
 MERIDIAN BOISE

LAT/LONG... 42-54.4 N 115-44.0 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/JH/11
 TEMPERATURE (C)..... 22.0
 WELL DEPTH (M)..... 174.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 549.
 ALKALINITY..... 170. AS HCO3
 TOTAL DISSOLVED SOLIDS... 353.
 CHARGE IMBALANCE (S DIFF.)... 2.8

ANALYSIS IN MG/L

AG....	CO3.....	N	LI....	SB....	
AL....	CA....		MG....	SC....	
AU....	CU....		NA....	SI02..	51.
B....	F....	0.3	NO....		
BA....	FE+3...		NA+K..	SO4....	60.
CA....	HCO3....	170.	NO3....		
CO....	M2S....		PO4....		
CL....					
CO....					

ISOTOPES (0/001)

DEL D OF WATER..... -125.0
 DEL O(18) OF WATER... -16.7

QUALIFICATION FIELD..... NO3 INCLUDES NO2

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH. HANDY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG 1977

RECORD 00506

GEOTERM FILE 101 0001592

GEOTERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MINAMED WELL NEAR OREGON SHORT LINE (1)

WELL/SPRING NUMBER..... 025-04E-02-HB01

LOCATION

QUADRANGLE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 MAP REFERENCE..... MAYFIELD 1162500

USS 004E 02 SE OF NW NW
 MERIDIAN BOISE

LAT/LONG... 43-17.0 N 115-57.2 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/04/06

TEMPERATURE (C)..... 22.5

WELL DEPTH (M)..... 163.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 149.
 ALKALINITY..... 101. AS HCO3
 TOTAL DISSOLVED SOLIDS... 162.
 CHARGE IMBALANCE (S DIFF.)... 1.7

ANALYSIS IN MG/L

AG....	CO3.....	N	LI....	SB....	
AL....	CA....		MG....	SC....	
AU....	CU....		NA....	SI02..	52.

ISOTOPES (0/001)

DEL D OF WATER..... -129.1
 DEL O(18) OF WATER... -17.3

H.....	F.....	0.4	NA...	10.		
HA.....	FE+3....		NA+K...		504..	9.3
CA.....	10.	MC03....	101.	NO3..	0.8	
CO.....		M2S.....		PO4..	0.09	
CL.....	4.9					
CO.....		K.....	4.2			

QUALIFICATION FIELD..... NO3 INCLUDES NO2

REFERENCE AND INVESTIGATION

COMPILED BY..... LIEH, HANDY

COMPILED AFFILIATION... U.S.G.S.

REFERENCE..... YOUNG, 1977

RECORD 00507

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0001595

NAME OF SAMPLE SOURCE... UNNAMED WELL NW OF C. J. STRIKE DAM

WELL/SPRING NUMBER..... 055-04E-2H-ABH1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

USS 004E 20 NW OF NW VE

LAT/LONG... 42-50.1 N 115-44.0 W

STATE..... IDAHO

MERID: BOISE

COUNTY..... ELMORE

MAP REFERENCE..... C. J. STRIKE DAM 1:24000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/11

TEMPERATURE (C)..... 22.5

WELL DEPTH (M)..... 123.

WATER ANALYSIS

P..... 8.0

SPECIFIC CONDUCTANCE..... 292.

ALKALINITY..... 141. AS MC03

TOTAL DISSOLVED SOLIDS... 168.

CHARGE IMBALANCE (A DIFF.)... 17.4

ANALYSIS IN MOLE

ISOTOPES 10/2001

AG.....	CO3.....	N			
AL.....	CH.....		MG...	1.9	
AR.....	F.....	0.3	NA...	10.	
HA.....	FE+3....		NA+K...		504.. 20.
CA.....	30.	MC03....	141.	NO3..	0.35
CO.....		M2S.....		P04..	0.03
CL.....	3.3				
CR.....		K.....	6.8		

QUALIFICATION FIELD..... NO3 INCLUDES NO2

REFERENCE AND INVESTIGATION

COMPILED BY..... LIEH, HANDY

COMPILED AFFILIATION... U.S.G.S.

REFERENCE..... YOUNG, 1977

RECORD 00508

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025130

NAME OF SAMPLE SOURCE... VAUGHN SPRING

WELL/SPRING NUMBER..... 05N-07E-20-DAB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

USN 007E 20 NW OF NE SE

LAT/LONG... 43-44.31 N 115-36.95 W

STATE..... IDAHO

COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 19
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 68.
 DISCHARGE..... 378.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00509

GEOHERM SAMPLE FILE

GEOTHERM FILE 101 0025136

NAME OF SAMPLE SOURCE... WEATHERBY HOT SPRING
 WELL/SPRING NUMBER..... 06N-10E-30-CCB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 06N 10E 30 NW OF SW SW
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE... 19

LAT/LONG... 43-49.53 N 115-19.63 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 45.
 DISCHARGE..... 189. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00510

GEOHERM SAMPLE FILE

GEOTHERM FILE 101 0025133

NAME OF SAMPLE SOURCE... WEATHERBY HILL WELL
 WELL/SPRING NUMBER..... 06N-09E-35-ACA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 06N 09E 35 NE OF SW NE
 STATE..... IDAHO
 COUNTY..... ELMORE

LAT/LONG... 43-49.02 N 115-21.27 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.
 WELL DEPTH (M)..... 533.
 DISCHARGE..... 94. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00511

GEOHERM SAMPLE FILE

GEOTHERM FILE 101 0025128

NAME OF SAMPLE SOURCE... WILLOW CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 04N-11E-34-0HA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04N 11E 34 NE OF NW SE
 STATE..... IDAHO
 COUNTY..... ELMORE

LAT/LONG... 43-38.23 N 115-07.77 W

GEOLOGIC PROVINCE...

SAMPLE DESCRIPTION AND COMPOSITIONS

TEMPERATURE (C)..... 55.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00512

GEOTHERM FILE ID: 0001133

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RATTLE CREEK HOT SPRING
 WELL/SPRING NUMBER..... 155-39E-08-HDC 15

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... FRANKLIN
 MAP REFERENCE..... BANINA 1:24000

TOWNSHIP-RANGE

155 039E 08 S W OF SE 1/4
 MERID: BOISE

COORDINATES

LAT/LONG... 42- 7.99 N 111-55.66 W

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1973/09/05 MITCHELL, JOHN
 TEMPERATURE (C)..... 0 R2.
 DISCHARGE..... 1407. L/MIN
 DEPOSITS OR ALTERATION... TRAVERTINE DEPOSITS.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P1..... 0.7
 SPECIFIC CONDUCTANCE..... 1062.
 ALKALINITY..... 570. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 9039.
 CHARGE IMBALANCE IN DIFF..... 1.0
 ANALYSIS IN MG/L

ISOTOPIES (02001)

AG.....	CO3.....	N.....	MG.....	19.	
AL.....	CU.....		MU.....	5102.	109.
AU.....	CU.....		NA.....	3161.	
H.....	F.....	6.0	NAK.....	504..	35.
HA.....	FE.....		NO3.....	0.11	
CA.....	HC03.....	696.	PU4.....	0.01	
CD.....	H2S.....				
CL.....	K.....	552.			

QUALIFICATION FIELD..... THERE ARE SEVERAL SPRING VENTS WITH TEMPERATURES RANGING FROM 41 TO 84 DEGREES C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976A

RECORD 00513

GEOTHERM FILE ID: 0001136

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RATTLE CREEK HOT SPRINGS #2
 WELL/SPRING NUMBER..... 155-39E-08-HDC 25

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... FRANKLIN
 MAP REFERENCE..... BANINA 1:24000

TOWNSHIP-RANGE

155 039E 08 S W OF SE 1/4
 MERID: BOISE

COORDINATES

LAT/LONG... 42- 7.98 N 111-55.66 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/05 MITCHELL, JOHN
 TEMPERATURE (C)..... 43.
 DISCHARGE..... 2160. L/MIN
 DEPOSITS OR ALTERATION.... TRAVERTINE
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 15439.
 ALKALINITY..... 571. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 9320.
 CHARGE IMBALANCE (± DIFF.)... 1.3
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3....	M	MG....	15.		
AL....	CH....		MU....	5102.	107.	
AU....	CU....		NA....	3.71.		
4....	F....	6.6	NAOK.	504..	29.	
HA....	FE+3...		NO3..	0.42		
CA....	HCO3....	697.	PO4..	0.01		
CO....	H2S....					
CL....						
CO....	K.....	535.				

QUALIFICATION FIELD.... THERE ARE SEVERAL SPRING VENTS WITH TEMPERATURES RANGING FROM 41 TO 84 DEGREES C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976A

RECORD 00514 1

GEOTHERM FILE 101 001138

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RATTLE CREEK HOT SPRINGS #3
 WELL/SPRING NUMBER..... 155-39E-08-HDC 35

LOCATION

COUNTRY..... UNITED STATES... 155 039E 08 5W OF SE 4W
 STATE..... IDAHO... MENIDJ BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... DANIDA 1124000

COORDINATES

LAT/LONG... 42- 7.98 N 111-55.66 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/05 MITCHELL, JOHN
 TEMPERATURE (C)..... 41.
 DEPOSITS OR ALTERATION.... TRAVERTINE DEPOSITS.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 15469.
 ALKALINITY..... 620. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 9329.
 CHARGE IMBALANCE (± DIFF.)... 0.8
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3....	M	MG....	19.		
AL....	CH....		MU....	5102.	109.	
AU....	CU....		NA....	3053.		
4....	F....	6.6				

HA.... FE+3.... NA+K... S04... 37.
 CA.... 162. HCO3.... 757. NO3... 0.28
 CO.... H2S.... PO4... 0.01
 CL.... 5034.
 CO.... K.... 533.

QUALIFICATION FIELD.... THERE ARE SEVERAL SPRING VENTS RANGING FROM 41 TO 84 DEGREES C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976A

RECORD 00515

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0001137

NAME OF SAMPLE SOURCE... HATTLE CREEK HOT SPRINGS #4
 WELL/SPRING NUMBER..... 155-39E-00-BUC 45

LOCATIONS

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 155 039E 08 S OF SE 4W
 STATE..... IDAHO MERID: NAD83
 COUNTY..... FRANKLIN
 MAP REFERENCE..... MANIDA 1124000

LAT/LONG... 42- 8.00 N 111-55.32 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/04/05 MITCHELL, JOHN

TEMPERATURE (C)..... 0 84.

DISCHARGE..... 5. L/MIN

DEPOSITS OR ALTERATION.... TRAVERTINE DEPOSITS.

PARENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION

P1..... 6.8

SPECIFIC CONDUCTANCE..... 18479.

ALKALINITY..... 500. AS CaCO3

TOTAL DISSOLVED SOLIDS... 12512.

CHARGE IMBALANCE (8 DIFF.)... 2.2

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG....	CO3....	MG....	24.		
AI....	CR....	MO....	5102.	97.	
AL....	CU....	NA....	4184.		
HA....	F....	NA+K...	504...	33.	
CA....	FE+3....	NO3...	0.06		
CO....	HCO3....	PO4...	0.01		
CL....	H2S....				
CO....	K....				

QUALIFICATION FIELD.... THERE ARE SEVERAL SPRING VENTS WITH TEMPERATURES RANGING FROM 41 TO 84 DEGREES C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976A

RECORD 00516

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0000551

NAME OF SAMPLE SOURCE... BEN MEER WELL

WELL/SPRING NUMBER..... 143-39E-36-40A1

LOCATIONS

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... FRANKLIN
 GEOLOGIC PROVINCE..

LAT/LONG... 42-09.86 N 111-50.38 W
 UTM ZONE... 12
 NORTHING... 4668150.
 EASTING... 430638.

MAP REFERENCE..... RIVERDALE 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/11

TEMPERATURE (C)..... 45.8

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00

pH..... 7.3

SPECIFIC CONDUCTANCE..... 1890.

ALKALINITY..... 430.

TOTAL DISSOLVED SOLIDS... 1110.

CHARGE IMBALANCE (A DIFF.)... 1.9

ANALYSIS

AG..... CO3..... N

AL..... CH.....

AU..... CU.....

H..... F..... 10.

HA..... FE+3.....

CA..... 25. HCO3..... 524.

CD..... H2S.....

CL..... 320.

CO..... K..... 24.

ISOTOPES 10/001
 MG... 7.1
 MU...
 NA... 360.
 NA+K...
 NO3... 1.5
 PO4... 0.05

QUALIFICATION FIELD..... SLIGHT SULFUR ODOR

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENNETT, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... YOUNG AND MITCHELL, 1973; MITCHELL AND OTHERS, 1980

RECORD 00517

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BEN MEER WELL

WELL/SPRING NUMBER..... 145-39E-36-ADA 1

LOCATION

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... FRANKLIN

GEOLOGIC PROVINCE.. 20

MAP REFERENCE..... RIVERDALE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/03

TEMPERATURE (C)..... 40.

WELL DEPTH (M)..... 12.

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM.

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

pH..... 6.9

SPECIFIC CONDUCTANCE..... 1809.

ALKALINITY..... 420. AS CaCO3

TOTAL DISSOLVED SOLIDS... 1100.

CHARGE IMBALANCE (A DIFF.)... 0.2

TOWNSHIP-RANGE

145-039E 36 NE OF SE NE

MENUD HOISE

CORRINATES

LAT/LONG... 42- 9.88 N 111-50.29 W

GEOTHERM FILE 101 0041132

ANALYSIS IN MG/L

AG....		CO3....	N	MG....	6.6		
AL....		CH....		MO....		5102.	89.
AU....		CU....		NA....	360.	504..	13.
BA....	1.1	FE+3....	9.6	NO3..	0.1		
CA....	24.	HCO3....	513.	PO4..	0.01		
CD....		H2S....					
CL....	322.						
CO....		K.....	22.				

ISOTOPIES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976A

RECNUM 00518

GEOTHERM FILE 101 0081130

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLEVELAND WARM SPRINGS
 WELL/SPRING NUMBER..... 12S-40E-36-ADH 1S

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12S 040E 36 NW OF SE VE
 STATE..... IDAHO MERIDIAN BUISE

COORDINATES

LAT/LONG... 42-20.27 N 111-43.45 W

COUNTY..... FRANKLIN

GEOLOGIC PROVINCE... 20

MAP REFERENCE..... UNCLIN JARROWS RESERVOIR 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/06

TEMPERATURE (C)..... 0.33

DISCHARGE..... 38. L/MIN

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 6.6

SPECIFIC CONDUCTANCE..... 4199.

ALKALINITY..... 577. AS CaCO3

TOTAL DISSOLVED SOLIDS... 2574.

CHARGE IMBALANCE (A DIFF.)... 2.3

ANALYSIS IN MG/L

AG....		CO3....	N	MG....	6.6		
AL....		CH....		MO....		5102.	52.
AU....		CU....		NA....	317.	504..	755.
BA....	1.2	FE+3....	1.9	NO3..	0.37		
CA....	254.	HCO3....	704.	PO4..	0.01		
CD....		H2S....					
CL....	633.						
CO....		K.....	137.				

ISOTOPIES (0/001)

QUANTIFICATION FIELD... THREE ARE SEVERAL SPRING VENTS WITH TEMPERATURES RANGING FROM 33 TO 66 DEGREES C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976A

RECORD 00519

GEOTHERM FILE 101 0081139

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FLUIN BINGHAM WELL
WELL/SPRING NUMBER..... 155-039E-07-UBC 1

LOCATION

COUNTRY..... UNITED STATES 155 039E 07 S4 OF NW SE
STATE..... IDAHO MERID: BOISE
COUNTY..... FRANKLIN
MSP REFERENCE..... BANIDA 1124000

COORDINATES

LAT/LONG... 42- 7.78 N 111-56.56 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1977/08/24 U.S. GEOLOGICAL SURVEY

TEMPERATURE (C)..... 43.
DISCHARGE..... 34. L/MIN

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... 1977/08/24

P..... 8.2
SPECIFIC CONDUCTANCE..... 2800.
ALKALINITY..... 767. AS CaCO3

TOTAL DISSOLVED SOLIDS... 13261.

CHARGE IMBALANCE (% DIFF.)... 0.9

ANALYSIS IN MG/L

Ag....	CO3.....	4			
Al....	Ca....		MG...	36.	
As....	Cl....		MG...		502. 60.
B....	F....	3.9	NA...	4600.	
Br....	Fe....		NA...		504.. 40.
C....	HCO3....	930.	PO4..	0.12	
Ca....	Mg....				
Cl....	K.....	770.			

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00520

GEOTHERM FILE 101 0015200

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FLUIN BINGHAM WELL
WELL/SPRING NUMBER..... 155-039E-07-UBC1

LOCATION

COUNTRY..... UNITED STATES 155 039E 07 NW OF SE
STATE..... IDAHO
COUNTY..... FRANKLIN
GEOLOGIC PROVINCE... 20
MSP REFERENCE..... BANIDA 1124000

COORDINATES

LAT/LONG... 42-07.46 N 111-56.33 W
UTM ZONE... 12
NORTHING... 4663744.
EASTING... 422397.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1977/08/24 MITCHELL, JOHN

POINT OF COLLECTION.. NEILHEAD

TEMPERATURE (C)..... 43.0

DISCHARGE..... 30. L/MIN

WATER TREATMENT..... 7-BOTTLE SAMPLE JFA PU FD NU MC

WATER ANALYSIS

P4..... 0.2 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 28000.
 ALKALINITY..... 778. AS CAC03
 TOTAL DISSOLVED SOLIDS... 14100.
 CHARGE IMBALANCE (X DIFF.)... 1.3

ANALYSIS IN MU/L

AG....	CO3.....	N	LI...	6.7	
AL....	CH.....		MG...	36.	
AS.... 0.007					
AU....	CU.....		MO...	5102.	68.
B....	F.....	3.9	NA...	4600.	
HA....	FE+3....		NA+K.	504..	48.
CA.... 320.	HCO3....	930.			
CA+MG.	MG.....	N			
CO....	M2S.....		PU4..	0.12	
CL.... 7800.					
CO....	K.....	770.			

ISOTOPIES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00521

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0001587

NAME OF SAMPLE SOURCE... MAPLE GROVE HOT SPRING

WELL/SPRING NUMBER..... 13S-041E-07-ACAIS

LOCATION

LOCALSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13S 041E 07 NE OF SW NE

LAT/LONG... 42-18.49 N 111-42.39 W

STATE..... IDAHO

MOUNT BOISE

COUNTY..... FRANKLIN

MSP REFERENCE..... ONEIDA WARROWS RESERVOIR 112-000

SAMPLE DESCRIPTION AND COMMENTS

DATE/COLLECTOR..... 1969/07/22

TEMPERATURE (C)..... 71.

WATER ANALYSIS

P4..... 0.2
 SPECIFIC CONDUCTANCE..... 2940.
 TOTAL DISSOLVED SOLIDS... 1430.
 CHARGE IMBALANCE (X DIFF.)... 1.1

ANALYSIS IN MU/L

AG....	CH.....		MG...	31.	
AL....	CU.....		MO...	5102.	52.
AS.... 1.5	F.....	0.4	NA...	490.	
HA....	FE+3....		NA+K.	504..	255.
CA.... 67.	HCO3....	424.	NO3..	3.5	
CA+MG.					
CO.... 595.					
CL....	K.....	74.			

ISOTOPIES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA

COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00522

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0000599

NAME OF SAMPLE SOURCE... MAPLE GROVE HOT SPRINGS
 WELL/SPRING NUMBER..... 135-41E-07-ACA15
 LOCATION..... TOWNSHIP-RANGE
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... FRANKLIN
 GEOLOGIC PROVINCE...
 MAP REFERENCE..... ONEIDA NARROWS RESERVOIR 1124000
 SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES

LAT/LONG... 42-18.49 N 111-42.39 W
 UTM ZONE... 12
 NORTHING... 4683537.
 EASTING... 441973.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/10
 TEMPERATURE (C)..... 75.0
 DISCHARGE..... 1325 L/MIN
 PERTINENT LITHOLOGY..... PALEOZOIC QUARTZITE(?) WITH TRAVERTINE DEPOSITS

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 P..... 7.3
 SPECIFIC CONDUCTANCE..... 3160.
 ALKALINITY..... 403.
 TOTAL DISSOLVED SOLIDS... 0 1900.
 CHARGE IMBALANCE (3 DIFF.)... 2.4

ANALYSIS

AG....	CO3..... 11	MG....	24.	SI02.	55.
AL....	CR.....	MO....			
AR....	CU.....	NA....	470.	50%..	20%
As....	F..... 1.1	NA+K..			
BA....	FE+3....	NH3....	0.07		
CA.... 89.	HCO3.... 491.	PO4....	0.04		
CD....	H2S.....				
Cl.... 030.					
CO....	K..... 110.				

ISOTOPE (D/H2O)

QUALIFICATION FIELD..... NUMEROUS VENTS AND SEEPS: SULFUR DIOXIDE TEMP. RANGES FROM 60 TO 78 DEG. C.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... DENNIS J.
 COMPUTER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND MITCHELL 1973

RECORD 00523

GEOTHERM FILE 101 0081131

GEOCHEMICAL SAMPLE FILE

NAME OF SAMPLE SOURCE... MAPLE GROVE HOT SPRINGS
 WELL/SPRING NUMBER..... 135-41E-07-ACA 15
 LOCATION..... TOWNSHIP-RANGE
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... FRANKLIN
 GEOLOGIC PROVINCE... 20
 MAP REFERENCE..... ONEIDA NARROWS RESERVOIR 1124000
 SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES

LAT/LONG... 42-18.50 N 111-43.61 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/03
 TEMPERATURE (C)..... 75.
 DISCHARGE..... 1325 L/MIN
 DEPOSITS OR ALTERATION... TRAVERTINE DEPOSITS
 PERTINENT LITHOLOGY..... PALEOZOIC QUARTZITE?

WATER ANALYSIS

DATE/ANALYST.....
 U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 2909.
 ALKALINITY..... 405.
 TOTAL DISSOLVED SOLIDS... 1889.
 CHARGE IMBALANCE (% DIFF.)... 0.3

AS CAC03

ISOTOPES 10/001

ANALYSIS IN MG/L

AG....	CO3.....	N	MG....	30.		
AL....	CR.....		MO....	5102.	84.	
AU....	CU.....		NA....	492.		
Fe.... 1.4	FE+3....	1.1	NA+K..	504..	256.	
HA....	MC03....	494.	NO3...	0.07		
CA.... 85.	N2S....		PO4...	0.01		
CO....						
CL.... 596.						
CO....	K.....	87.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976A

RECORD 00524

GEOTHERM FILE 101 0001135

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MAPLE GROVE HOT SPRINGS #2

WELL/SPRING NUMBER..... 135-41E-07-ACA 25

LOCATION

COUNTRY..... UNITED STATES 135 041E 07 VE OF SW VE
 STATE..... IDAHO MERID: BOISE

COUNTY..... FRANKLIN

MAP REFERENCE..... ONEIDA NARROWS RESERVOIR 1124000

COORDINATES

LAT/LONG... 42-18.48 N 111-42.39 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/04/05 MITCHELL, JOHN

TEMPERATURE (C)..... 72.

DISCHARGE..... 379. L/MIN

DEPOSITS OR ALTERATION... TRAVERTINE DEPOSITS.

PERMIT/ENT LITMOLOGY..... PALEOZOIC QUANTZITE?

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION

SPECIFIC CONDUCTANCE..... 2979.

ALKALINITY..... 405.

TOTAL DISSOLVED SOLIDS... 1896.

CHARGE IMBALANCE (% DIFF.)... 1.1

ANALYSIS IN MG/L

AG....	CO3.....	N	MG....	29.		
AL....	CR.....		MO....	5102.	85.	
AU....	CU.....		NA....	501.		
Fe.... 1.3	FE+3....	1.1	NA+K..	504..	261.	
HA....	MC03....	494.	NO3...	0.12		
CA.... 93.	N2S....		PO4...	0.02		
CO....						
CL.... 801.						
CO....	K.....	87.				

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL, 1976A

RECORD 00525

GEOTHERM FILE ID: 0081134

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MAPLE GROVE HOT SPRINGS #3
WELL/SPRING NUMBER... 135-41E-07-ACA 35

LOCATION
COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... FRANKLIN
MAP REFERENCE..... ONEIDA NARROWS RESERVOIR 1124000

COORDINATES

LAT/LONG... 42-18.49 N 111-42.38 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/04/05 MITCHELL, JOHN
TEMPERATURE (C)..... 43
DISCHARGE..... 0.35 L/MIN

DEPOSITS OR ALTERATION... TRAVERTINE DEPOSITS.
PERTINENT LITHOLOGY..... PALEOZOIC QUARTZITE?

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
P..... 6.8
SPECIFIC CONDUCTANCE..... 2099
ALKALINITY..... 405 AS CaCO3
TOTAL DISSOLVED SOLIDS... 1854
CHARGE IMBALANCE (% DIFF.)... 1.0

ANALYSIS IN MG/L

AG.....	CO3.....	N	MG.....	25.
AL.....	CH.....		MG.....	5102.
AU.....	CU.....		MG.....	492.
HA.....	F.....	1.0	MG.....	504..
MA.....	FE+3.....		MG.....	0.06
CA.....	HCO3.....	494.	MG.....	0.01
CD.....	H2S.....			
CL.....				
CO.....				

ISOTOPES (PROM)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL, 1976A

RECORD 00526

GEOTHERM FILE ID: 0025295

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOUND VALLEY WARM SPRING
WELL/SPRING NUMBER... 125-040E-13-DC015

LOCATION
COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... FRANKLIN
MAP REFERENCE..... ONEIDA NARROWS RESERVOIR 1124000

COORDINATES

LAT/LONG... 42-22.41 N 111-43.58 W

SAMPLE DESCRIPTION AND CONDITIONS

PERTINENT LITHOLOGY... QUATERNARY ALLUVIUM WITH TRAVERTINE DEPOSITS

REFERENCE AND IDENTIFICATION

COMPILED BY..... RINEHART, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

RECORD 00527

GEOTHERM FILE 101 0081145

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WYRON FONNESBECK
WELL/SPRING NUMBER... 165-JOE-24-ADC 1

LOCATION

COUNTY... UNITED STATES 165 036E 24 SW OF NW NE
STATE... IDAHO MERID: BUTTE
COUNTY... FRANKLIN

COORDINATES

LAT/LONG... 42-1.54 N 111-57.73 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1973/09/03 MITCHELL, JOHN
TEMPERATURE (C)... 73.
WELL DEPTH (M)... 157.
DISCHARGE... 4164 L/MIN
PERMIT LITHOLOGY... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST... U.S. BUREAU OF RECLAMATION

P... 6.8
SPECTRIC CONDUCTANCE... 889.
ALKALINITY... 343. AS CaCO3
TOTAL DISSOLVED SOLIDS... 566.
CHARGE BALANCE (% DIFF)... 0.1

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG...	CO3...	N			
AL...	CH...		MG...	27.	
AR...	CU...		MO...		5102. 74.
B...	F...	0.5	NA...	68.	
BA...	FE...		NAK...		504. 4.3
CA...	MG...	413.	NO3...	0.06	
CD...	MZ...		PO4...	0.03	
CL...					
CO...	K...	18.			

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE... MITCHELL, 1976A

RECORD 00528

GEOTHERM FILE 101 0025296

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WYRON FONNESBECK WELL
WELL/SPRING NUMBER... 165-JOE-24-ADC

LOCATION

COUNTY... UNITED STATES 165 036E 24 SW OF NW NE
STATE... IDAHO
COUNTY... FRANKLIN

COORDINATES

LAT/LONG... 42-01.54 N 111-57.73 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 72. AT (M)... 84.
WELL DEPTH (M)... 157.
DISCHARGE... 4163 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... ALBUQUERQUE, R. M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00529

GEOTHERM FILE 101 0025093

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... P.L. KOLLER WELL
WELL/SPRING NUMBER..... 16S-38E-24-ABC

LOCATION

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... FRANKLIN

TOWNSHIP-RANGE

16S 038E 24 S4 OF NW NE

COORDINATES

LAT/LONG... 42-01.35 N 111-57.81 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 71.
WELL DEPTH (M)..... 172.
DISCHARGE..... 9463. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEKANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00530

GEOTHERM FILE 101 0025094

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RAY BARRINGTON WELL
WELL/SPRING NUMBER..... 14S-40E-31-HCH1

LOCATION

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... FRANKLIN

TOWNSHIP-RANGE

14S 040E 31 NW OF S4 NW

COORDINATES

LAT/LONG... 42-09.91 N 111-50.29 W

GEOLOGIC PROVINCE...

20

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40.
WELL DEPTH (M)..... 22.
DISCHARGE..... 246. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEKANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00531

GEOTHERM FILE 101 0081141

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SOHAM HOT SPRING
WELL/SPRING NUMBER..... 15S-39E-17-ABC-15

LOCATION

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... FRANKLIN

TOWNSHIP-RANGE

15S 039E 17 S4 OF SE NW

COORDINATES

LAT/LONG... 42-1.12 N 111-55.70 W

GEOLOGIC PROVINCE...

20

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/04 MITCHELL, JOHN
TEMPERATURE (C)..... 73.
DISCHARGE..... 7703. L/MIN

GEOLOGIC PROVINCE...

QUATERNARY ALLUVIUM.

ANALYSIS

U.S. BUREAU OF RECLAMATION

PH..... 6.6
 SPECIFIC CONDUCTANCE..... 10859.
 ALKALINITY..... 710.
 TOTAL DISSOLVED SOLIDS... 11019.
 CHARGE IMBALANCE (8 DIFF.)... 0.2
 ANALYSIS IN MG/L

AS CAC03

ISOTOPES (0/001)

AG....		CO3.....	N				
AL....		CH.....		MO....	26.	SI02.	126.
AU....		CU.....		NO....	3844.	SO4..	23.
H.....	9.7	F.....	4.8	NA+K.			
HA....		FE+3...		NO3..	0.06		
CA....	241.	HC03....	866.	PO4..	533.		
CD....		H2S.....					
CL....	6390.						
CO....		K.....	533.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976A

RECORD 00532

GEOTHERM FILE 101 0001438

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SODA/ HOT SPRING WELL
 WELL/SPRING NUMBER..... 155-39E-1/-HC01

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 155 039E 17 SE OF SW 1/4
 STATE..... IDAHO MERIDIAN NOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... WESTON 1124000

LAT/LONG... 42-07.135N 111-55.79 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION..... 1972/05/10
 TEMPERATURE (C)..... 82.
 FLOW DEPTH (M)..... 4.7

DISCHARGE..... 95 L/MIN

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 22200.
 ALKALINITY..... 601.
 TOTAL DISSOLVED SOLIDS... 13700.
 CHARGE IMBALANCE (8 DIFF.)... 3.0
 ANALYSIS IN MG/L

AS CAC03

ISOTOPES (0/001)

AG....		CO3.....					
AL....		CH.....		MO....	23.	SI02.	130.
AU....		CU.....		NO....		SO4..	54.
H.....		F.....	7.	NA+K.	4300.		
HA....		FE+3...		NO3..	1.6		
CA....	250.	HC03....	733.	PO4..	0.08		
CD....		H2S.....					
CL....	1150.						
CO....		K.....	880.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00533

GEOTHERM FILE 101 0081142

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SUWAN HOT SPRINGS

WELL/SPRING NUMBER... 155-39E-17-BCD 15

LOCATION

COUNTRY... UNITED STATES

STATE... IDAHO

COUNTY... FRANKLIN

MAP REFERENCE... WESTON 1124000

TOWNSHIP-RANGE

155 039E 17 SE OF SW NW

MERIDIAN NOISE

COORDINATES

LAT/LONG... 42- 7.12 N 111-55.70 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1973/09/04 MITCHELL, JOHN

TEMPERATURE (C)... 69

DISCHARGE... 530 L/MIN

PERTINENT LITHOLOGY... QUATERNARY ALLUVIUM

WATER ANALYSIS

DATE/ANALYST... U.S. BUREAU OF RECLAMATION

P... 6.5

SPECTRIC CONDUCTANCE... 20519

ALKALINITY... 669 AS CaCO3

TOTAL DISSOLVED SOLIDS... 12621

CHARGE IMBALANCE IS DIFF. 1... 0.3

ANALYSIS IN MG/L

AG...	CO3...	N	MG...	23.	SI02...	126.
AL...	CH...		MG...			
AU...	CU...		MG...			
H...	P...	4.3	VA...	184.	SO4...	27.
HA...	FE...		NA...			
CA...	HC03...	816.	NO3...	0.16		
CO...	H2S...		PO4...	0.03		
CL...						
CO...	K...	708.				

ISOTOPE 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY... DENHAM, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... MITCHELL, 1976A

RECORD 00534

GEOTHERM FILE 101 0081140

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SUWAN HOT SPRINGS WELL

WELL/SPRING NUMBER... 155-39E-17-BCD 15

LOCATION

COUNTRY... UNITED STATES

STATE... IDAHO

COUNTY... FRANKLIN

MAP REFERENCE... WESTON 1124000

TOWNSHIP-RANGE

155 039E 17 SE OF SW NW

MERIDIAN NOISE

COORDINATES

LAT/LONG... 42- 7.15 N 111-55.79 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1973/09/04 MITCHELL, JOHN

TEMPERATURE (C)... 64

DISCHARGE (L/MIN)... 627

DISCHARGE... 435 L/MIN

PERTINENT LITHOLOGY... TRAVERTINE DEPOSITS

PERTINENT LITHOLOGY... QUATERNARY ALLUVIUM

DATE/ANALYST.....
 P1.....
 SPECIFIC CONDUCTANCE.....
 ALKALINITY.....
 TOTAL DISSOLVED SOLIDS...
 CHANGE IN BALANCE (3 DIFF.)...
 ANALYSIS IN MG/L

U.S. BUREAU OF RECLAMATION

AS CAC03

ISOTOPE 10/2001

AG.... CO3.....
 AL....
 AR....
 H....
 HA....
 CA....
 CO....
 CL....

MG....
 MU....
 NA....
 NA+K...
 NO3...
 PU4...
 26...
 4300...
 0.12
 0.02

REFERENCE AND IDENTIFICATION

COMPILED BY.....
 COMPILED AFFILIATION...
 REFERENCE.....

RECUMD 00535

GEOTHERM FILE 101 0081129

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TREASURTON WARM SPRINGS NO. 1

WELL/SPRING NUMBER... 12S-40E-36-ACU 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 12S 40E 36 SE OF SW NE

LAT/LONG... 42-20.24 N 111-43.62 W

STATE... IDAHO

MERIDIAN BOISE

COUNTY... FRANKLIN

GEOLOGIC PROVINCE... 20

MAP REFERENCE... ONEIDA NARROWS RESERVOIR 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1973/09/06

TEMPERATURE (C)... 75

PERMEANT LITHOLOGY... QUATERNARY ALLUVIUM

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P1.....
 SPECIFIC CONDUCTANCE.....
 ALKALINITY.....
 TOTAL DISSOLVED SOLIDS...
 CHANGE IN BALANCE (3 DIFF.)...
 ANALYSIS IN MG/L

AS CAC03

ISOTOPE 10/2001

AG.... CO3.....
 AL....
 AR....
 H....
 HA....
 CA....
 CO....
 CL....

MG....
 MU....
 NA....
 NA+K...
 NO3...
 PU4...
 68...
 563...
 0.93
 0.01

OBSERVATION FIELD... THERE ARE SEVERAL SPRING VENTS WITH TEMPERATURES RANGING FROM 33 TO 46 DEGREES C.

REFERENCE AND IDENTIFICATION

COMPILED BY.....

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL, 1976A

RECORD 00536

GEOTHERM FILE 101 0001588

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WAYLAND (BATTLE CREEK) HOT SPRING
WELL/SPRING NUMBER..... 155-39E-08-HUC15
LOCATION
COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... FRANKLIN
MAP REFERENCE..... DANIDA 1324000
SAMPLE DESCRIPTION AND CONDITIONS
DATE/COLLECTION..... 1968/03/13
TEMPERATURE (C)..... 77.
WATER ANALYSIS

COORDINATES

LAT/LONG... 42-07.98 N 111-55.64 W

TOWNSHIP-RANGE

155 039E 08 SW OF SE 4W
MERIDIAN BOISE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1968/03/13
TEMPERATURE (C)..... 77.
WATER ANALYSIS
PH..... 7.1
SPECIFIC CONDUCTANCE..... 14900.
TOTAL DISSOLVED SOLIDS..... 9180.
ANALYSIS IN MG/L

ISOTOPES (0/00)

AL.....	CN.....	MG.....	16.		
AR.....	CU.....	MO.....		5102.	72.
BA.....	FE.....	NA.....		504.	26.
CA..... 154.	HC03..... 704.	NO3.....	2.6		
CL..... 5030.					
CO.....	K..... 3340.				

REFERENCE AND IDENTIFICATION

CHARTED BY..... LIEB. HANUY
COMPILER AFFILIATION... U.S.G.S.
REFERENCE..... N104, 1969

RECORD 00537

GEOTHERM FILE 101 0000553

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WAYLAND (BATTLE CREEK) HOT SPRINGS
WELL/SPRING NUMBER..... 155-39E-08-HUC15
LOCATION

COORDINATES

LAT/LONG... 42-07.98 N 111-55.64 W
UTM ZONE... 12
NORTHING... 4665227.
EASTING... 421697.

TOWNSHIP-RANGE

COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... FRANKLIN
GEOLOGIC PROVINCE.....

MAP REFERENCE..... DANIDA 1324000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/05/09

TEMPERATURE (C)..... 77.0

TEMPERATURE (F)..... 190.6

WATER ANALYSIS

DATE/COLLECTION..... 1972/00/00

SPECIFIC CONDUCTANCE..... 15400.

TOTAL DISSOLVED SOLIDS..... 9180.

TOTAL DISSOLVED SOLIDS..... 9180.

TOTAL DISSOLVED SOLIDS..... 9180.

TOTAL DISSOLVED SOLIDS..... 9180.

TOTAL DISSOLVED SOLIDS..... 9180.

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TOTAL DISSOLVED SOLIDS..... 9180.

TOTAL DISSOLVED SOLIDS..... 9180.

TOTAL DISSOLVED SOLIDS..... 9180.

TOTAL DISSOLVED SOLIDS..... 9180.

TOTAL DISSOLVED SOLIDS..... 9180.

ISOTOPES (0/00)

AG....	CO3....	N	MG....	16.		
AL....	CH....		MO....	5102.	80.	
AU....	CU....		NA....	3100.		
H....	F....	12.	NAK....	504.	54.	
HA....	FE+3....		NO3....	0.81		
CA....	HCO3....	699.	PO4....	0.04		
CO....	H2S....					
CL....						
CO....	R....	660.				

QUALIFICATION FIELD..... NUMEROUS SPRING VENTS; TEMP. RANGES FROM 43 TO 84 DEG. C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00538

GEOTHERM FILE 101 0081153

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ASHTON WARM SPRING

WELL/SPRING NUMBER..... 09N-42E-23-DAC 15

LOCATION

LOWSHIP-RANGE

CORORDINATES

COUNTRY..... UNITED STATES 09N 042E 23 SW OF NE SE

LAT/LONG... 44- 5.48 N 111-27.57 W

STATE..... IDAHO MERID: BOISE

COUNTY..... FREMONT

GEOLOGIC PROVINCE... 18

MAP REFERENCE..... ASHTON 1:24000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/JB/23 YOUNG AND MITCHELL

TEMPERATURE (C)..... 41

DISCHARGE..... 7.6 L/MIN

PERCENT LITHOLOGY..... PLEISTOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.6

SPECIFIC CONDUCTANCE..... 100

ALKALINITY..... 75 AS CaCO3

TOTAL DISSOLVED SOLIDS... 205

CATION IMBALANCE (B DIFF).... 7.7

ANALYSIS IN MG/L

ISOTOPES (D/H)

AG....	CO3....	N	MG....	0.8		
AL....	CH....		MO....	5102.	110.	
AU....	CU....		NA....	36.		
H....	F....	2.2	NAK....	504.	4.7	
HA....	FE+3....		NO3....	0.2		
CA....	HCO3....	77	PO4....	0.05		
CO....	H2S....					
CL....						
CO....	R....	1.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00539

GEOTHERM FILE 101 0081148

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RIG SPRINGS

WELL/SPRING NUMBER... 14N-44E-34-BHC 15

LOCATION

COUNTRY... UNITED STATES 14N 044E 34 SW OF NW 1/4

STATE... IDAHO

TOWNSHIP-RANGE

MERIDIAN BOISE

COUNTY... FREMONT

MAP REFERENCE... ISLAND PARK 1124000

COORDINATES

LAT/LONG... 44-29.97 N 111-15.25 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1972/08/28 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)... 12.

DISCHARGE... 352033 L/MIN

PERMIT/LITHOLOGY... QUATERNARY ORIGINIAN (RHYOLITE).

WATER ANALYSIS

DATE/ANALYST...

U.S. GEOLOGICAL SURVEY

P... 6.4

SPECIFIC CONDUCTANCE... 102.

ALKALINITY... 38.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 102.

CHARGE IMBALANCE (± DIFF.)... 4.4

ANALYSIS IN MG/L

ISOTOPIES (0/001)

AG...	CO3...	N			
AL...	CU...		MG...	0.6	
AI...	CU...		MO...		5102. 47.
M...	F...	3.1	NA...	14.	
HA...	FE...		NA...		504.. 3.2
CA...	HCO3...	46.	NU3...	0.05	
CD...	H2S...		PU4...	0.03	
CE...					
CO...					
	K...	3.0			

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... YOUNG AND MITCHELL, 1973

RECORD 00540

GEOTHERM FILE 101 0025297

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BUREAU OF RECLAMATION

WELL/SPRING NUMBER... 17N-42E-36-000

LOCATION

COUNTRY... UNITED STATES 17N 042E 30 SE OF NW SE

STATE... IDAHO

TOWNSHIP-RANGE

MERIDIAN BOISE

COUNTY... FREMONT

MAP REFERENCE... HENDALE 1124000

COORDINATES

LAT/LONG... 43-54.16 N 111-32.66 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1972/08/28 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)... 12.

DISCHARGE... 352033 L/MIN

PERMIT/LITHOLOGY... QUATERNARY ORIGINIAN (RHYOLITE).

WATER ANALYSIS

DATE/ANALYST...

U.S. GEOLOGICAL SURVEY

P... 6.4

SPECIFIC CONDUCTANCE... 102.

ALKALINITY... 38.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 102.

CHARGE IMBALANCE (± DIFF.)... 4.4

ANALYSIS IN MG/L

AG...	CO3...	N			
AL...	CU...		MG...	0.6	
AI...	CU...		MO...		5102. 47.
M...	F...	3.1	NA...	14.	
HA...	FE...		NA...		504.. 3.2
CA...	HCO3...	46.	NU3...	0.05	
CD...	H2S...		PU4...	0.03	
CE...					
CO...					
	K...	3.0			

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... YOUNG AND MITCHELL, 1973

RECORD 00541

GEOTHERM FILE 101 0081150

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLAUDE MAWS WELL
WELL/SPRING NUMBER... 07N-41E-36-00A 2

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 07N 04E 36 NE OF SE SE

LAT/LONG... 43-53.11 N 111-33.53 W

STATE... IDAHO

MERIDIAN BOISE

COUNTY... FREMONT

GEOLOGIC PROVINCE... 18

MAP REFERENCE... NEWDALE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1976/06/24 SWANSON

TEMPERATURE (C)... 32

WELL DEPTH (M)... 194

PERMIT/LITHOLOGY... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

P... 7.5 ATIC 32

SPECTRIC CONDUCTANCE... 375

ALKALINITY... 154 AS CaCO3

TOTAL DISSOLVED SOLIDS... 271

CHARGE BALANCE (± DIFF)... 1.8

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG...	CO3...	N			
AL...	CH...		7.3		
AU...	CU...			5102.	60.
H...	F...	3.0			
HA...	FE3...			504.	10.
HR...	GE...	188.			
CA...					
CL...					
CO...					

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1986

RECORD 00542

GEOTHERM FILE 101 0081151

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DEAN SANDERMAN WELL

WELL/SPRING NUMBER... 07N-42E-08-00A 1

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 07N 04E 08 NE OF NE SW

LAT/LONG... 43-56.09 N 111-31.75 W

STATE... IDAHO

MERIDIAN BOISE

COUNTY... FREMONT

GEOLOGIC PROVINCE... 18

MAP REFERENCE... NEWDALE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1976/06/22 SWANSON

TEMPERATURE (C)... 32

PERMIT/LITHOLOGY... TERTIARY SILICIC VOLCANIC ROCK (?)

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

PH..... 7.6 AT(C) 32.
 SPECIFIC CONDUCTANCE..... 388.
 ALKALINITY..... 166. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 269.
 CHARGE IMBALANCE (% DIFF.)... 2.1
 ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3.....	N	MG....	1..	SI02.	65.
AL....	CH.....		MU....			
AIJ....	CU.....		NA....	22.	SO4..	0.8
H.....	F.....	2.0	NA+K.			
HA....	FE+3....					
CA.... 38.	HCO3....	205.				
CL.... 14.						
CO....	K.....	4.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00543

GEOTHERM FILE 101 0081144

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DONALD TRUPP WELL

WELL/SPRING NUMBER... ATN-41E-25-CHD 1

LOCATION

COUNTRY..... UNITED STATES 07.4 041E 25 SE OF NW SW

STATE..... IDAHO

COUNTY..... FREMONT

GEOLOGIC PROVINCE... 18

MAP REFERENCE... NEWDALE 1324000

COORDINATES

LAT/LONG... 43-54.08 N 111-34.41 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/07/20 U.S. GEOLOGICAL SURVEY

TEMPERATURE (C)..... 72.

EELI DEPTH (M)..... 91.

DISCHARGE..... 8705 L/MIN

PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.6

SPECIFIC CONDUCTANCE..... 524.

ALKALINITY..... 146. AS CaCO3

TOTAL DISSOLVED SOLIDS... 346.

CHARGE IMBALANCE (% DIFF.)... 20.1

ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3.....	N	MG....	3.3	SI02.	76.
AL....	CH.....		MU....			
AIJ....	CU.....		NA....	88.	SO4..	26.
H.....	F.....	0.2	NA+K.			
HA....	FE+3....					
CA.... 23.	HCO3....	181.	NO3..	84.		
CL.... 23.						
CO....	K.....	12.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00544

GEOTHERM FILE 101 0025298

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GORDEN CLARK WELL
WELL/SPRING NUMBER... 07N-41E-33-000

LOCATION

COUNTRY... UNITED STATES
STATE... IDAHO
COUNTY... FREMONT
GEOLOGIC PROVINCE... 18

TOWNSHIP-RANGE

07N 04E 33 SE OF SE SE

COORDINATES

LAT/LONG... 43-53.08 N 111-37.08 W

MAP REFERENCE... NEWDALE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 22

ELL DEPTH (M)... 73

REFERENCE AND IDENTIFICATION

COMPILED BY... RINEGANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00545

GEOTHERM FILE 101 0081146

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HENRY HARRIS WELL
WELL/SPRING NUMBER... 07N-41E-34-ADD 1

LOCATION

COUNTRY... UNITED STATES
STATE... IDAHO
COUNTY... FREMONT
GEOLOGIC PROVINCE... 18

TOWNSHIP-RANGE

07N 04E 34 SE OF SE NE

COORDINATES

LAT/LONG... 43-53.44 N 111-35.08 W

MAP REFERENCE... NEWDALE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1977/06/16 U.S. GEOLOGICAL SURVEY

TEMPERATURE (C)... 33

ELL DEPTH (M)... 106

PERTINENT LITHOLOGY... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

ANALYST... U.S. GEOLOGICAL SURVEY

P... 1.6

SPECIFIC CONDUCTANCE... 450

ALKALINITY... 161 AS CACCS

TOTAL DISSOLVED SOLIDS... 325

CHARGE IMBALANCE (K DIFF)... 2.2

ANALYSIS IN MG/L

ANALYST... U.S. GEOLOGICAL SURVEY

NAME... CU... MG... 5.7

NAME... CU... MG... 5.7

NAME... FE... NA... 69

NAME... FE... NA... 69

NAME... HCO3... VO3... 0.83

NAME... HCO3... VO3... 0.83

NAME... K... 6.9

NAME... K... 6.9

NAME... GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

ISOLOPES (02/001)

RECORD 00546

GEOTHERM FILE 101 0025299

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KEITH JERGENSEN WELL #1

WELL/SPRING NUMBER... 07N-41E-13-CAB

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

07N 04E 13 NW OF NE SW

COORDINATES

LAT/LONG... 43-55.96 N 111-34.28 W

STATE... IDAHO

MERID: NAD83

COUNTY... FREMONT

MSP REFERENCE... NEWDALE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 23.

WELL DEPTH (M)... 213.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00547

GEOTHERM FILE 101 0025300

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KEITH JERGENSEN WELL #2

WELL/SPRING NUMBER... 07N-41E-13-CAD

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

07N 04E 13 SE OF NE SW

COORDINATES

LAT/LONG... 43-55.96 N 111-34.29 W

STATE... IDAHO

COUNTY... FREMONT

MSP REFERENCE... NEWDALE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 23.

WELL DEPTH (M)... 213.

DISCHARGE... 4329 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00548

GEOTHERM FILE 101 0025301

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KEITH JERGENSEN WELL #3

WELL/SPRING NUMBER... 07N-41E-13-BAC

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

07N 04E 17 SW OF NE NW

COORDINATES

LAT/LONG... 43-56.30 N 111-31.75 W

STATE... IDAHO

COUNTY... FREMONT

MSP REFERENCE... NEWDALE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 23.

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00551

GEOTHERM FILE 101 0025304

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... REMINGTON PRODUCE WELL

WELL/SPRING NUMBER... 07N-42E-19-CCA

LOCATION

COUNTRY... UNITED STATES 07N 042E 19 NE OF SW SW

STATE... IDAHO

TOWNSHIP-RANGE

COUNTY... FREMONT

MEX101 HOISE

MAP REFERENCE... NEWDALE 112400

COORDINATES

LAT/LONG... 43-54.86 N 111-33.24 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 25.

WELL DEPTH (M)... 193.

REFERENCE AND IDENTIFICATION

COMPILED BY... HIDEKANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00552

GEOTHERM FILE 101 0081152

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... REMINGTON PRODUCE WELL

WELL/SPRING NUMBER... 07N-42E-19-CCA

LOCATION

COUNTRY... UNITED STATES 07N 042E 19 NE OF SW SW

STATE... IDAHO

TOWNSHIP-RANGE

COUNTY... FREMONT

MEX101 HOISE

GEOLOGIC PROVINCE... IN

MAP REFERENCE... NEWDALE 112400

COORDINATES

LAT/LONG... 43-54.86 N 111-33.24 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION... 1976/07/19 SWANSON

TEMPERATURE (C)... 20.

WELL DEPTH (M)... 194.

REFERENCE AND IDENTIFICATION

COMPILED BY... HIDEKANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

WATER ANALYSIS

DATE/ANALYST... 1976/07/19 SWANSON

SPECIFIC CONDUCTANCE... 343

ALKALINITY... 118

TOTAL DISSOLVED SOLIDS... 201

CATION BALANCE (A DIFF)... 0.45

ANIONS (A DIFF)... 0.45

ISOTOPES (D/001)

C... 17.

O... 15.

S... 24.

C... 17.

O... 15.

S... 24.

C... 17.

O... 15.

S... 24.

C... 17.

O... 15.

S... 24.

C... 17.

O... 15.

S... 24.

C... 17.

O... 15.

S... 24.

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00555

GEOTHERM FILE 104 0025303

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WAYNE LARSON WELL

WELL/SPRING NUMBER..... 07N-41E-26-ACC

LOCATION

COUNTY..... UNITED STATES TOWNSHIP-RANGE 07N 041E 26 SW OF SW NE

STATE..... IDAHO

COUNTY..... FREMONT

MAP REFERENCE..... NEWDALE 1124000

COORDINATES

LAT/LONG... 43-54.34 N 111-35.20 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72. AT (M)..... 106.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAYETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00556

GEOTHERM FILE 101 0081145

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WAYNE LARSON WELL

WELL/SPRING NUMBER..... 07N-41E-26-ACC 1

LOCATION

COUNTY..... UNITED STATES TOWNSHIP-RANGE 07N 041E 26 SW OF SW NE

STATE..... IDAHO

COUNTY..... FREMONT

GEOLOGIC PROVINCE... 18

MAP REFERENCE..... NEWDALE 1124000

COORDINATES

LAT/LONG... 43-54.34 N 111-35.20 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... STORED

TEMPERATURE (C)..... 72.

PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 641

SOLIC CONDUCTANCE..... 531

ALKALINITY..... 199

TOTAL DISSOLVED SOLIDS... 398

CHANGE IN BALANCE (A DIFF.)... 1.4

ANALYSIS IN MO/L

AG... CO3... N

AL... CR... N

ALL... CO... N

BA... NA... N

BR... NA... N

CA... HCO3... N

CL... HCO3... N

CO... HCO3... N

CU... HCO3... N

FE... HCO3... N

MAG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

MANG... HCO3... N

ISOLOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00557

GEOTHERM FILE 101 0025309

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DONALD JENSEN WELL #1

WELL/SPRING NUMBER... 06N-01N-26-ADA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 06N 001W 26 NE OF SE NE

STATE... IDAHO

COUNTY... GEM

GEOLOGIC PROVINCE... 17

MAP REFERENCE... MONTAUR 1162500

LAT/LONG... 43-49.50 N 116-24.82 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 71. AT (M)... 20.

DISCHARGE... 75. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... BLUEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00558

GEOTHERM FILE 101 0025310

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DONALD JENSEN WELL #2

WELL/SPRING NUMBER... 06N-01N-26-ADC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 06N 001W 26 SW OF SE NE

STATE... IDAHO

COUNTY... GEM

MAP REFERENCE... MONTAUR 1162500

LAT/LONG... 43-49.82 N 116-24.93 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 70.

WELL DEPTH (M)... 27.

DISCHARGE... 75. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... BLUEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00559

GEOTHERM FILE 101 0041154

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... EAST ROYSTONE HOT SPRINGS

WELL/SPRING NUMBER... 07N-01E-09-00C-10

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 07N 001E 09 SW OF SE SW

STATE... IDAHO

COUNTY... GEM

MAP REFERENCE... MONTAUR 1162500

LAT/LONG... 43-57.17 N 116-20.81 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 49.

WELL DEPTH (M)... 1977-2070

DISCHARGE... 0.000000

REFERENCE AND IDENTIFICATION

COMPILED BY... YOUNG, BILL AND MITCHELL, JOHN

COMPILED AFFILIATION... NATIONAL GEOGRAPHIC SOCIETY

REFERENCE... U.S. GEOLOGICAL SURVEY

P4..... 7.6
 SPECIFIC CONDUCTANCE..... 524.
 ALKALINITY..... 139. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 397.
 CHARGE IMBALANCE (± DIFF.)... 2.9
 ANALYSIS IN MG/L

AG.....	CO3.....	N	MO.....	2.4		
AL.....	CR.....		MO.....		512.	94.
AU.....	CU.....		NA.....	99.	504.	57.
Fe.....	F.....	8.0	NAOK.			
HA.....	FE+3.....		NO3.....	0.67		
CA..... 15.	HCO3.....	169.	PO4.....	0.02		
CO.....	M2S.....					
CL..... 30.						
CO.....	K.....	5.3				

ISOTOPES (10/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENHAM, GEORGE O.
 COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00560

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0025312

NAME OF SAMPLE SOURCE... FRED SCOTT WELL
 WELL/SPRING NUMBER..... 06N-U2-17-UBA

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... GEM
 GEOLOGIC PROVINCE... 17

COORDINATES

LAT/LONG... 43-51.43 N 110-35.82 W

MSP REFERENCE..... SOUTHWEST EMMETT 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 24.
 DEPTH (M)..... 54.
 DISCHARGE..... 757. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RHEGAN, KIM M.
 COMPUTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS 1970

RECORD 00561

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0025307

NAME OF SAMPLE SOURCE... HIGHLAND LAND CO. WARM SPRING
 WELL/SPRING NUMBER... 06N-U2-25-AUB

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... GEM
 GEOLOGIC PROVINCE... 17

COORDINATES

LAT/LONG... 43-49.99 N 116-23.73 W

MSP REFERENCE..... HOVING 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
 DEPTH (M)..... 10.
 DISCHARGE..... 10. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RHEGAN, KIM M.

COMPILED BY AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00562

GEOTHERM FILE 101 0025306

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PAUL CHAMK WELL

WELL/SPRING NUMBER... 06N-02N-14-DHC

LOCATION

COUNTRY... UNITED STATES TOWNSHIP-RANGE

STATE... IDAHO

COUNTY... GEM

GEOLOGIC PROVINCE... 17

MAP REFERENCE... SOUTHWEST EMMETT 1124000

COORDINATES

LAT/LONG... 43-51.28 N 116-32.44 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 24

WELL DEPTH (M)... 9

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEWANEYA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00563

GEOTHERM FILE 101 0025308

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DANLA IZATT WELL

WELL/SPRING NUMBER... 06N-03N-12-ABH

LOCATION

COUNTRY... UNITED STATES TOWNSHIP-RANGE

STATE... IDAHO

COUNTY... GEM

MAP REFERENCE... SAND HOLLOW 1124000

COORDINATES

LAT/LONG... 43-52.73 N 116-38.15 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 21

WELL DEPTH (M)... 71

DISCHARGE... 189 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEWANEYA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00564

GEOTHERM FILE 101 0001155

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROYSONE HOT SPRINGS

WELL/SPRING NUMBER... 07N-01E-08-DHITS

LOCATION

COUNTRY... UNITED STATES TOWNSHIP-RANGE

STATE... IDAHO

COUNTY... GEM

MAP REFERENCE... MONTANA 1162900

COORDINATES

LAT/LONG... 43-57.18 N 116-21.24 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 45

WELL DEPTH (M)... 70

DISCHARGE... 170 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... MITCHELL, JOHN AND YOUNG, HILL

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR MIOCENE BASALT.
OTHER SAMPLE INFORMATION.. UNUSED. SULFUR ODOOR.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.5
SPECIFIC CONDUCTANCE..... 799.
ALKALINITY..... 153.
TOTAL DISSOLVED SOLIDS... 577.
CHARGE IMBALANCE (6 DIFF.)... 7.3

AS CaCO3

ANALYSIS IN MG/L

AG....	CO3.....	N	MG....	0.0		
AL....	CU.....		MO....		SI02..	120.
AU....	CU.....	16.	NA....	160.		
H....	F.....		VA..K.		SO4...	110.
HA....	FE.....		NO3..	N		
CA....	HC03....	187.	PO4...	0.04		
CD....	H2S.....					
CL....						
CO....	K.....	7.7				

ISOLOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00505

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... ROYSTONE HOT SPRING
WELL/SPRING NUMBER..... 07N-01E-00-DUALS

GEOTHERMAL FILE NO: 0001506

LOCATION

COUNTRY..... UNITED STATES 07N 001E 00 NE OF SE SE
STATE..... IDAHO MENDOTA HOUSE
COUNTY..... GEM

COORDINATES

LAT/LONG... 43-57.18 N 116-21.24 W

MSP REFERENCE..... MONTAUR 116250V

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/09/05
TEMPERATURE (C)..... 64.0
DISCHARGE..... 0.189 L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 810
ALKALINITY..... 148.
TOTAL DISSOLVED SOLIDS... 573.
CHARGE IMBALANCE (6 DIFF.)... 15.0

AS CaCO3

ANALYSIS IN MG/L

AG....	CO3.....	LI....	0.22	SB....		
AL....	CU.....	MO....	0.2	SC....		
AU....	CU.....	MO....		SI02..	110.	
H....	F.....	NA....	160.			
HA....	FE.....	VA..K.		SO4...	120.	
CA....	HC03....	NO3..	L 0.04			
CD....	H2S.....	PO4...	L 0.03			
CL....						
CO....	K.....					

ISOLOPES 10/001

DEL D OF WATER..... -134.
DEL D(18) OF WATER... -15.6

QUALIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS; NO3 WAS REPORTED AS
TOTAL N3. PO4 WAS REPORTED AS TOTAL P.

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, HARRY J.
COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
REFERENCE..... LEWIS AND YOUNG, 1980B

RECORD 00566

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025313

NAME OF SAMPLE SOURCE... SWEET WARM SPRING
WELL/SPRING NUMBER..... 07N-01E-03-CAA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 07N 001E 03 NE OF NE SW
STATE..... IDAHO
COUNTY..... GEM
GEOLOGIC PROVINCE... 9

LAT/LONG... 43-58.31 N 116-19.47 W

MAP REFERENCE..... MONTGOM 1102500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.
DISCHARGE..... 14. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.
COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00567

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025315

NAME OF SAMPLE SOURCE... RLM

WELL/SPRING NUMBER..... 00S-12E-05-HDD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 00S 012E 05 SE OF SE NW
STATE..... IDAHO
COUNTY..... GOODING

LAT/LONG... 42-55.84 N 115-03.40 W

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... TICESKA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 51.
WELL DEPTH (M)..... 120.
DISCHARGE..... 43. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.
COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00568

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025310

NAME OF SAMPLE SOURCE... DAVE ANCHER WELL

WELL/SPRING NUMBER..... 04S-12E-35-CAD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 04S 012E 35 SE OF NE SW
STATE..... IDAHO
COUNTY..... GOODING
GEOLOGIC PROVINCE... 19

LAT/LONG... 43-01.73 N 114-59.88 W

MAP REFERENCE..... DAVIS M.N. 1162500
 SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 45.
 WELL DEPTH (M)..... 148.
 DISCHARGE..... 140. L/MIN
 REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKAWETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00569

GEOTHERM FILE 101 0081158

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAVE ARCHER WELL

WELL/SPRING NUMBER..... 055-12E-03-AAA 1

LOCATION

COUNTRY..... UNITED STATES U55 012E 03 NE OF NE NE

STATE..... IDAHO MENLO BOISE

COUNTY..... GOODING

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... KING HILL 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 43-01.48 N 115-00.55 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/19 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 43.

WELL DEPTH (M)..... 250.

PRESENT LITHOLOGY..... PLIOCENE SEDIMENTS AND BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.6

SPECIFIC CONDUCTANCE..... 413.

ALKALINITY..... 134. AS CaCO3

TOTAL DISSOLVED SOLIDS... 204.

CHARGE BALANCE (6 DIFF.)... 8.8

ANALYSIS IN MG/L

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

ISOTOPES (0/00)

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

HCO3..... 0.8

H2S..... 0.8

K..... 0.8

Mg..... 0.8

Mn..... 0.8

Na..... 0.8

Ni..... 0.8

P..... 0.8

S..... 0.8

Si..... 0.8

T..... 0.8

Zn..... 0.8

AN..... 42.

AL..... 19.

AR..... 19.

H..... 1.6

CA..... 8.4

CL..... 0.8

CO..... 0.8

CR..... 0.8

CU..... 0.8

FE..... 0.8

STATE..... IDAHO
 COUNTY..... GOODING
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... DAVIS Mtn. 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 27.
 DISCHARGE..... 302. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEWAYETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... DOSS, 1971

RECORD 00571

GEOTHERM FILE 101 0081156

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... J. SHANNON WELLS
 WELL/SPRING NUMBER..... A45-13E-20-ADD 1

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... GOODING
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... DAVIS MOUNTAIN 1162500
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 43-03.20 N 114-54.96 W
 UTM ZONE... 18Q UTM EASTING... 645013E 28 NM OF NW NE
 MERIDIAN... MOISE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/21 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 47.

WELL DEPTH (M)..... 50.

PARENT LITHOLOGY..... PLEISTOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.0

SPECIFIC CONDUCTANCE..... 497.

ALKALINITY..... 207. AS CaCO3

TOTAL DISSOLVED SOLIDS..... 373.

CHARGE IMBALANCE IN DIFF. 1... 13.3

ANALYSIS IN MG/L

AN.....	CO3.....	N.....	MO.....	1.2		
AL.....	CH.....		MO.....	5102.	42.	
AI.....	CU.....		NA.....	100.		
HA.....	FE43.....	12.	NA.....	504.	14.	
CA.....	HC03.....	278.	MU3.....	0.49		
CL.....	H2S.....		PO4.....	0.05		
CO.....						
CR.....						
CU.....						
FE.....						
HA.....						
NA.....						
NO.....						
PO.....						
SI.....						
SO.....						
TH.....						
TI.....						
VA.....						
VI.....						
VO.....						
W.....						
Z.....						

ISOTOPE 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00572

GEOTHERM FILE 101 0081157

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WHITE ARROW HOT SPRINGS

WELL/SPRING NUMBER..... A45-13E-30-ADD 15

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... GOODING
 MAP REFERENCE..... DAVIS MOUNTAIN 1:62500

TOWNSHIP-RANGE

64S 013E 30 NW OF SE 1E
 MERID: MOISE

COORDINATES

LAT/LONG... 42-02.92 N 114-57.09 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/26 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 65

DISCHARGE..... 3127 L/MIN

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.5

SPECIFIC CONDUCTANCE..... 407

ALKALINITY..... 152

AS CaCO3

TOTAL DISSOLVED SOLIDS..... 316

CHARGE IMBALANCE (A DIFF.)..... 2.8

ANALYSIS IN MG/L

AG..... CO3..... 22

AL..... CA.....

AU..... CU.....

R..... F..... 12

HA..... FE.....

CA..... HCO3..... 141

CU..... H2S.....

CL..... 6.6

CO..... K..... 1.6

ISOTOPE (D/001)

SI02. 97.

S04.. 13.

N03.. 0.11

P04.. 0.03

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00573

GEOTHERM FILE 101 005317

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE..... RANTH HOT SPRINGS

WELL/SPRING NUMBER..... 25N-12E-18-00

LOCATION

COUNTRY..... UNITED STATES 25N 012E 18 SE OF SE

STATE..... IDAHO

COUNTY..... IDAHO

COORDINATES

LAT/LONG... 45-18.05 N 113-02.00 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60

DISCHARGE..... 757 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWATER, KIM M.

COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00574

GEOTHERM FILE 101 001102

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE..... RANTH HOT SPRINGS

WELL/SPRING NUMBER..... 25N-12E-18-00 IS

WELL NUMBER..... 11

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 25N 012E 18 SE OF SE
 STATE..... IDAHO MERID: BUISE
 COUNTY..... IDAHO
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... SHEEP HILL 1124000
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATEN
 TEMPERATURE (C)..... 61.
 DISCHARGE..... 757. L/MIN
 PERCENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.0
 ALKALINITY..... 90. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 190.
 CHARGE IMBALANCE (% DIFF.)... 2.0
 ANALYSIS IN MG/L

ISOTOPES 10/801

AR.....	CO3.....	29.	MG.....	N		
AL.....	CR.....		WN.....	N		
AS.....	CS.....		MO.....		5102.	70.
AI.....	CU.....		NA.....	50.	504.	5.3
H.....	F.....	5.7	NAK.			
HA.....	FE+3.....					
CA.....	HC03.....	51.				
CL.....	K.....	0.5				

REFERENCE AND INVESTIGATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATEN AND OTHERS, 1973

RECORD 00575

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0025318

NAME OF SAMPLE SOURCE... RATTLE CREEK HOT SPRINGS

WELL/SPRING NUMBER..... 33N-14E-04-A

LOCATION

COUNTRY..... UNITED STATES 33N 012E 04 NE

STATE..... IDAHO

COUNTY..... IDAHO

MAP REFERENCE..... WAMOD PEAR 1124000

REFERENCE AND INVESTIGATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

COORDINATES

LAT/LONG... 46-14.10 N 114-42.44 W

RECORD 00576

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0007154

NAME OF SAMPLE SOURCE... HUNGUORE HOT SPRINGS

WELL/SPRING NUMBER..... 22N-04E-01-HDC 15

LOCATION

COUNTRY..... UNITED STATES 22N 004E 01 SW OF SE NW

STATE..... IDAHO

COUNTY..... IDAHO

MAP REFERENCE..... MERID: BUISE

COORDINATES

LAT/LONG... 45-16.61 N 115-54.74 W

GEOLOGIC PROVINCE... 19
 MAP REFERENCE... HUNGDOHE 112500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR... 1972/08/01 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)... 45.
 DISCHARGE... 413. L/MIN
 PERTINENT LITHOLOGY... QUATERNARY ALLUVIUM NEAR CHETACEOUS GRANITIC MUCK.

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

PA... H.1
 SPECIFIC CONDUCTANCE... 218.
 ALKALINITY... 84. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 199.
 CHARGE IMBALANCE (± DIFF.)... 1.0

ANALYSIS IN MG/L

AG...	CO3...	41.	MG...	N		
AL...	CH...		MO...		5102.	73.
AU...	CU...		NA...	49.	504.	16.
A...	F...	2.0	NO3...	0.03		
HA...	FE...		PO4...	0.02		
CA...	HC03...	19.				
CD...	M25...					

CL... 3.0

CO... 0.0

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE... YOUNG AND MITCHELL, 1973

RECORD 00572

GEOTHERM FILE 101 00152

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... COLGATE WARM SPRINGS

WELL/SPRING NUMBER... 36N-012E-15-A15

LOCATION

COUNTRY... UNITED STATES 36N 012E 15 W

STATE... IDAHO

COUNTY... IDAHO

GEOLOGIC PROVINCE... 19

MAP REFERENCE... BEAR MOUNTAIN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1977/10/12 MITCHELL, JOHN

TEMPERATURE (C)... 45.0

DISCHARGE... 10. L/MIN

WATER TREATMENT... 7 BOTTLE SAMPLE 3FA FU FD RU HC

WATER ANALYSIS

PA... H.1 AT(C) 25.
 SPECIFIC CONDUCTANCE... 310.
 ALKALINITY... 69. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 265.
 CHARGE IMBALANCE (± DIFF.)... 5.1

ANALYSIS IN MG/L

AG...	CO3...	27.	LI...	0.110
AL...	CH...		MO...	
AU...	CU...		NA...	

ISOTOPES 10/001

5102. 77.

COORDINATES

LAT/LONG... 46-27.55 N 114-55.47 W
 UTM ZONE... 11
 NORTHING... 5146941.
 EASTING... 659379.

H..... 0.06 F..... 6.1 NA... 73. SO... 48.
 HA..... FE+3.....
 CA..... 2.7 MC03..... 55.
 CA+G.....
 CO..... H25.....
 CL..... 2.4
 CO..... K..... 1.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00578

GEOTHERM FILE 101 0025319

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COV FLATS HOT SPRINGS
 WELL/SPRING NUMBER..... 24N-04E-07-COA
 LOCATION: LONGSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 24N 04E 07 NE OF SE SW LAT/LONG... 45-25.90 N 116-00.89 W
 STATE..... IDAHO
 COUNTY..... IDAHO
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... KELLY MOUNTAIN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 59.
 DISCHARGE..... 37 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... BUEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00579

GEOTHERM FILE 101 0081164

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JERRY JOHNSON HOT SPRINGS
 WELL/SPRING NUMBER..... 24N-13E-18-ADD 15
 SPRING NUMBER..... 3
 LOCATION: LONGSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 36N 13E 18 SE OF SE NE LAT/LONG... 46-27.77 N 114-52.31 W
 STATE..... IDAHO
 COUNTY..... IDAHO
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... TOM HEAL PEAK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/08/23 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 45.
 DISCHARGE..... 2.17 L/MIN
 OTHER SAMPLE INFORMATION.. CHETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 ANALYST..... B.7
 SPECIFIC CONDUCTANCE..... 185
 ALKALINITY..... 61 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 155
 CHARGE IMBALANCE (A DIFF.)... 144
 ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3.....	25.	MG....	82.	SIO2..	49.
AL....	CH.....		MO....			
AU....	CU.....		NA....	37.	S04..	25.
H.....	F.....	1.6	NA+K..			
HA....	FE+J....		NO3...	0.03		
CA....	HC03....	24.	P04...	0.0%		
CD....	H2S.....					
CL....						
CO....	K.....	0.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00580

GEOTHERM FILE 101 0025320

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LITTLE JENNY JOHNSON SPRING
 WELL/SPRING NUMBER..... 76H-13E-18-AUB

LOCATION
 COUNTY..... UNITED STATES 36N 13E 18 NW OF SE NE

COORDINATES

LAT/LONG... 46-27.94 N 114-52.46 W

STATE..... IDAHO
 COUNTY..... IDAHO
 MAP REFERENCE..... BEAR VALLEY 112400

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDGEMAN, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00581

GEOTHERM FILE 101 0081161

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RED RIVER HOT SPRINGS
 WELL/SPRING NUMBER..... 28N-10E-03-UD 15

WELL NUMBER..... 10
 LOCATION
 COUNTY..... UNITED STATES 28N 10E 03 SE OF SE

COORDINATES

LAT/LONG... 45-47.26 N 115-11.86 W

STATE..... IDAHO
 COUNTY..... IDAHO
 GEOLOGIC PROVINCE... 19

MAP REFERENCE..... SABLE HILL 112400

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/08/21 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 55.
 ISCHAPPEL..... 132.

PERMIT LITHOLOGY..... CHETACEOUS GRANITIC ROCK.

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 ANALYST.....

SPECTRIC CONDUCTANCE..... 1000
 ALKALINITY..... 100
 TOTAL DISSOLVED SOLIDS... 200

CHANGE BALANCE IS VIAL..... 4.0

ANALYSIS IN M/L

ISOTOPES IN M/L

AG....		CO3....	36.	MO....	N		
AL....		CH....		NO....		SI02.	70.
AU....		CU....		NA....	81.		
H....		F....	23.	NO3..	0.04	SO4..	44.
HA....		FE+3..		PO4..	0.01		
CA....	2.7	HC03....	36.				
CD....		H2S....					
CL....	4.4						
CO....		K....	1.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00582

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0081160

NAME OF SAMPLE SOURCE... RIGGINS HOT SPRING

WELL/SPRING NUMBER..... 74N-02E-14-00D 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 24N 002E 14 SE OF No SE

LAT/LONG... 45-24.97 N 116-10.33 W

STATE..... IDAHO

MEID: NOISE

COUNTY..... IDAHO

GEOLOGIC PROVINCE.. 19

MAP REFERENCE..... RIGGINS HOT SPRINGS 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTOR..... 1972/08/01 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 62

DISCHARGE..... E 189, L/MIN

PRESENT LITHOLOGY..... QUATERNARY ALLUVIUM OVERLYING PALEOZOIC AND MESOZOIC GNEIS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 0.6

SPECIFIC CONDUCTANCE..... 112

ALKALINITY..... 51 AS CaCO3

TOTAL DISSOLVED SOLIDS... 582

CHARGE IMBALANCE (A DIFF.)... 3.2

ANALYSIS IN MG/L

ISOTOPES (U2001)

AG....		CO3....	25.	MO....	0.3		
AL....		CH....		NO....		SI02.	72.
AU....		CU....		NA....	160.		
H....		F....	2.1	NO3..	0.02	SO4..	300.
HA....		FE+3..		PO4..	0.02		
CA....	1.2	HC03....	11.				
CD....		H2S....					
CL....	0.4						
CO....		K....	3.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00583

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0025321

NAME OF SAMPLE SOURCE... STANLEY HOT SPRING
 WELL/SPRING NUMBER... 74N-10E-06-CAA
 LOCATION
 COUNTY... UNITED STATES 34N 01E 06 NE OF NE SW
 STATE... IDAHO
 COUNTY... IDAHO
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE... MUCKLEBERRY BUTTE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)... 49
 REFERENCE AND IDENTIFICATION
 COMPILED BY... RIDEWAYETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE... POSS. 1971

COORDINATES
 LAT/LONG... 46-18.98 N 115-15.45 W

RECORD 00584

GEOHEM SAMPLE FILE

GEOTHERM FILE 101 0015276

NAME OF SAMPLE SOURCE... UNNAMED WELL
 WELL/SPRING NUMBER... 21N-00E-23-ABDIS
 LOCATION
 COUNTY... UNITED STATES 21N 00E 23 NW OF NE
 STATE... IDAHO
 COUNTY... IDAHO
 GEOLOGIC PROVINCE...
 MAP REFERENCE... INDIAN MOUNTAIN 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR... 1977/10/19 MITCHELL, JOHN
 TEMPERATURE (C)... 30.0
 DISCHARGE... 38 L/MIN
 WATER TREATMENT... 7 BOTTLE SAMPLE JFA FU FD RU MC

COORDINATES
 LAT/LONG... 45-09.06 N 116-18.14 W
 UTM ZONE... 11
 NORTHING... 499744
 EASTING... 554844

WATER ANALYSIS

PH... 8.4 AT(C) 25
 SPECIFIC CONDUCTANCE... 580
 ALKALINITY... 89 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 644
 CHARGE IMBALANCE (4 DIFF)... 16.7

ISOTOPES 10/041

ANALYSIS IN MU/L
 AG... CO3... 1.0 LI... 0.04
 AL... CR... MG... 1.7
 AS... 0.001
 AU... CU... MU... 5102. 55
 BA... 0.08 F... 24. NA... 130
 CA... 100.0 FE+3... NAOK... 504. 230
 CH... HCO3... 81
 CL... H2S... PU... 0.02
 CO... 1.8
 CR... 3.4

REFERENCE AND IDENTIFICATION

COMPILED BY... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES
 REFERENCE... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00585

GEOTHERM FILE 101 0081163

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WEIR CREEK HOT SPRINGS

WELL/SPRING NUMBER... 76N-11E-13-HCC 15

WELL NUMBER... 1

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

36N 01E 13 SW OF SW NW

COORDINATES

LAT/LONG... 46-27.82 N 115- 2.10 W

STATE... IDAHO

MERIDIAN

COUNTY... IDAHO

GEOLOGIC PROVINCE... 19

MAP REFERENCE... GREYSTONE BUTTE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1972/06/23 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)... 47.5

DISCHARGE... 151 L/MIN

PERCENT LITHOLOGY... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST...

U.S. GEOLOGICAL SURVEY

pH... 8.5

SPECIFIC CONDUCTANCE... 140

ALKALINITY... 54

AS CaCO3

TOTAL DISSOLVED SOLIDS... 134

CHARGE IMBALANCE IS DIFF... 0.5

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG... CO3... 22

AL... CH... 2.2

AR... CU... 21

BA... FE... 125

CA... 3.3 HCO3... 21

CO... 125

CL... 2.1

CN... K... 0.5

CR... 0.5

DETERMINATION AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE D.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... YOUNG AND MITCHELL, 1973

RECORD 00586

GEOTHERM FILE 101 0081165

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WEISE HOT SPRINGS

WELL/SPRING NUMBER... 06N-40E-25-DDA 15

WELL NUMBER... 152

LOCATION

COUNTRY... UNITED STATES

TOWNSHIP-RANGE

06N 40E 25 NE OF SE SE

COORDINATES

LAT/LONG... 43-38.63 N 111-41.12 W

STATE... IDAHO

MERIDIAN

COUNTY... JEFFERSON

GEOLOGIC PROVINCE... 1A

MAP REFERENCE... WEISE 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1972/07/27 MITCHELL, JOHN

TEMPERATURE (C)... 49

DISCHARGE..... E 227. L/MIN
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.
 OTHER SAMPLE INFORMATION.. MEASURED TEMPERATURE IS PROBABLY LOWER THAN AT POINT OF DISCHARGE.

WATER ANALYSIS

U.S. BUREAU OF RECLAMATION

DATE/ANALYST.....
 PH..... 8.7
 SPECIFIC CONDUCTANCE..... 8840.
 ALKALINITY..... 902. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 5940.
 CHARGE IMBALANCE (% DIFF.)... 2.0

ANALYSIS IN MG/L

ISOTOPIES (0/001)

AG....	CO ₃	N	MG....	82.		
AL....	CH....		MO....		5102.	30.
AR....	CU....		NA....	1500.		
As....	F....	3.1	NA+K.		504..	740.
BA....	FE+3.		NO ₃ ..	0.1		
CA.... 450.	HCO ₃ ...	1100.	PO ₄ ..	0.04		
CD....	M2S.....					
CL.... 2400.						
CO....	K.....	190.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00587

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0025322

NAME OF SAMPLE SOURCE... ROYAL CATFISH HOT SPRINGS
 WELL/SPRING NUMBER..... 045-17E-29-JAD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... JEROME

LAT/LONG... 43-23.32 N 114-26.16 W

GEOLOGIC PROVINCE... 19

MSP REFERENCE..... TWIN FALLS 112400

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 43.
 WELL DEPTH (M)..... 222.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RUDIGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00588

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0081164

NAME OF SAMPLE SOURCE... BIG CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 23N-18E-22-CAO 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... LEMHI

LAT/LONG... 45-18.42 N 114-20.27 W

MSP REFERENCE..... SHOLD 1162500

OTHER LOCALITY INFORMATION: UNCERTAIN WHICH SPRING SAMPLED.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/07/13 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 93.
 DISCHARGE..... E 244. L/MIN
 DEPOSITS OR ALTERATION..... TRAVERTINE DEPOSIT BELOW PRESENT SPRING VENT.
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK, ALTERED, STRONG LINEATIONS (?) SOME GYPSUM.
 OTHER SAMPLE INFORMATION.. SULPHUR ODOOR. 15 SPRING VENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.5
 SPECIFIC CONDUCTANCE..... 1010.
 ALKALINITY..... 400. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 649.
 CHANGE IN BALANCE (B DIFF.)... 4.8

ANALYSIS IN MG/L

ISOTOPIES (0/001)

AG....	CO3....	N			
AL....	Ca....		MG...	0.2	
AI....	CU....		MO...		5102. 150.
H....	F....	15.	NA...	220.	
HA....	FE+3....		NA+K...	504..	53.
CA....	HCO3....	488.	NO3...	0.07	
CD....	H2S....		PO4...	0.05	
CL....		29.			
CO....	K....	14.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00589

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025326

NAME OF SAMPLE SOURCE... BIG EIGHTMILE CREEK WARM SPRINGS
 WELL/SPRING NUMBER..... 15N-25E-08-000

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15N 25E 08 NW OF SE SE
 STATE..... IDAHO
 COUNTY..... LEMHI
 GEOLOGIC PROVINCE.. 19

LAT/LONG... 44-38.37 N 113-30.22 W

MAP REFERENCE..... PATTERSON, 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 73.

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00590

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025323

NAME OF SAMPLE SOURCE... CROWNS CANYON HOT SPRING
 WELL/SPRING NUMBER..... 16N-21E-18-A0A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16N 21E 18 NE OF SE NE
 STATE..... IDAHO
 COUNTY..... LEMHI

MAP REFERENCE..... CHALLIS 1162500
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDGEMAN, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00591

GEOTHERM FILE 101 0041166

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHUCKS CANYON HOT SPRINGS
 WELL/SPRING NUMBER..... 16N-21E-18-ADC 15
 WELLS NUMBER..... 63

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... LEHMY
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... CHALLIS 1162500

TRANSHIP-RANGE

16N 021E 18 SW OF SE NE
 MENUS NOISE

COORDINATES

LAT/LONG... 44-43.18 N 114- 0.95 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/24 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 46.
 DISCHARGE..... E 76. L/MIN

PERCENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 757.
 ALKALINITY..... 278. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 486.
 CHARGE IMBALANCE (A DIFF.)... 1.6

ANALYSIS IN MUGL

AG.... CO3.... N
 AL.... CR.... 46.... 1.4
 AR.... CU.... MU.... 5102. 37.
 BA.... F.... 7.0 NA.... 160.
 BR.... FE+3.... NA+K... 504. 66.
 CA.... 11. MC03.... 339. NO3... 0.06
 CD.... H2S.... PO4... 0.04
 CL.... 26.
 CN.... K.... 11.

ISOTOPES 10/20/01

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00592

GEOTHERM FILE 101 0025325

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FOSTER RANCH HOT SPRINGS
 WELL/SPRING NUMBER..... 15N-1E-N1-HUC

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... LEHMY
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... SHELTON PEAK 1124000

TRANSHIP-RANGE

15N 015E 01 SW OF SE W

COORDINATES

LAT/LONG... 44-39.66 N 114-39.13 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 57.
DISCHARGE..... 18. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWATER, KIM M.
COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1970

RECORD 00543

GEOTHERM FILE 101 0081167

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SALMON HOT SPRINGS
WELL/SPRING NUMBER..... 20H-22E-03-ADD 15
WATER NUMBER..... 59

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 20N 022E 03 SE OF NW NE
STATE..... IDAHO MENIDJ BOISE
COUNTY..... LEMHI
GEOLOGIC PROVINCE... 19

LAT/LONG... 45-05.69 N 113-50.18 W

MAP REFERENCE..... SALMON 130250U

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/24 MITCHELL, JOHN AND YOUNG, BILL

TEMPERATURE (C)..... 45.
DISCHARGE..... 549. L/MIN

PERMIT LITHOLOGY..... CONTACT BETWEEN OLIGOCENE BASALT AND OLDER TUFFACEOUS ROCK.

OTHER SAMPLE INFORMATION.. 3 SPRING VENTS

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

pH..... 6.3
SPECIFIC CONDUCTANCE..... 1060.
ALKALINITY..... 403. AS CaCO3
TOTAL DISSOLVED SOLIDS... 649.
C-ANALYSE IMBALANCE (R DIFF.)... 3.9

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG.....	CO3.....	N.....	40.....	11.
AL.....	CH.....		MO.....	33.
AR.....	CU.....		NA.....	190.
AS.....	F.....	1.8	NA+K.....	34.
BA.....	FE+3.....		NO3.....	0.03
CA.....	HCO3.....	565.	PO4.....	0.04
CD.....	H2S.....			
CL.....				
CO.....	K.....	28.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00594

GEOTHERM FILE 101 0081168

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SHARKEY HOT SPRINGS
WELL/SPRING NUMBER..... 20H-24E-34-CCC 15
WATER NUMBER..... 60

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 20N 024E 34 SW OF SW SW

LAT/LONG... 45-00.78 N 113-30.31 W

STATE..... IDAHO
COUNTY..... LEMHI
MAP REFERENCE..... GOLDSTONE MTN. 1162500
SAMPLE DESCRIPTION AND CONDITIONS
DATE/COLLECTION..... 1978/05/05 MARINER, H. & EVANS, W.
TEMPERATURE (C)..... 63.
DISCHARGE..... 70. L/MIN
PERMIT LITHOLOGY..... OLIGOCENE SILICIC VOLCANIC ROCK. NORTHWEST-TENDING FAULT.

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.16

SPECIFIC CONDUCTANCE..... 1270.

ALKALINITY..... 472. AS HCO3

TOTAL DISSOLVED SOLIDS..... 840.

CHARGE IMBALANCE (A DIFF.)..... 4.1

ANALYSIS IN MG/L

AG.....	CO3.....	LI.....	0.47
AL.....	CA.....	MG.....	0.36
AS.....	CS.....	MN.....	L 0.010
AU.....	CU.....	MO.....	5102. 9.
B.....	FE.....	NA.....	290.
BA.....	FE+J.....	NA+K.....	504.. 160.
BE.....	FE(TOT).....		
BR.....	GE.....	NI.....	L 0.020
CA.....	HCO3.....	NO3.....	0.08
CA+M.....	HG.....	PB.....	0.1
CD.....	H2S.....	PO4.....	0.02
CL.....	I.....	SB.....	0.12
CO.....	K.....	ZN.....	L 0.010
CO.....			

ISOTOPES (0/00)

COMPLEMENTARY ANALYSIS

DATE/ANALYST..... 1978/07/00 BARNES GROUP

OTHER ANALYTICAL DATA... CARBONATE ALKALINITY AT TITRATION TEMPERATURE CALCULATED BY SOLMNEU. HCO3 441 MG/L CO3 117.5

M/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MARINER, H. & USGS MENLO PARK

RECORD 00595

GEOCHEM FILE 101 0025326

GEOCHEM FILE

NAME OF SAMPLE SOURCE... SHOWER-BATH SPRINGS

WELL/SPRING NUMBER..... 15N-16E-15-DAD

LOCATION

COUNTRY..... UNITED STATES 15N 16E 15 SE OF NE SE

STATE..... IDAHO

COUNTY..... LEMHI

GEOLOGIC PROVINCE... 14

MAP REFERENCE..... SHELTON PEAK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 50.

DISCHARGE..... 757. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... ROSS, 1971

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00598

GEOTHERM FILE ID: 0001172

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LAVENT RICKS
 WELL/SPRING NUMBER..... ASN-41E-05-CHA1
 LOCATION
 COUNTY..... UNITED STATES USN 041E 05 NE OF NW SW
 STATE..... IDAHO MERID: BOISE
 COUNTY..... MADISON
 GEOLOGIC PROVINCE... 18
 MAP REFERENCE..... MOODY 1324000

COORDINATES

LAT/LONG... 43-47.4 N 111-39.5 W

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/09/00 STOKER
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 98.
 DOMINANT LITHOLOGY..... TERTIARY SILICIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 341.
 ALKALITY..... 143. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 226.
 CHARGE IMBALANCE (4 DIFF.)... 4.8
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AL.....	CR.....	MG.....	12.
AU.....	CU.....	MO.....	5102. 42.
HA.....	FE.....	NA.....	18.
HA.....	FE.....	NA.....	504. 11.
CA..... 34.	HCO3..... 174.		
CL..... 22.			
CO.....	K..... 3.1		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00599

GEOTHERM FILE ID: 0001170

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WANK RICKS WELL
 WELL/SPRING NUMBER..... ASN-40E-08-BCC 1
 LOCATION
 COUNTY..... UNITED STATES USN 040E 08 SW OF SW NW
 STATE..... IDAHO MERID: BOISE
 COUNTY..... MADISON
 GEOLOGIC PROVINCE... 18
 MAP REFERENCE..... MEXHUNG 1324000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 43-46.80 N 111-47.01 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/06/15 STOKER

TEMPERATURE (C)..... 26.0
 WELL DEPTH (M)..... 96.
 PERTINENT LITHOLOGY..... TERTIARY VOLCANIC SILICIC ROCKS.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....

P..... 7.6

ALKALINITY..... 139.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 227.

CHARGE IMBALANCE (± DIFF.)... 1.7

ANALYSIS IN MG/L

ISOTOPES (0/00)

AL....	CR....	MG....	11.	SiO2..	50.
AU....	CU....	MO....			
BA....	F....	NA....	20.	SO4..	12.
HA....	FE+3...	NA+K..			
HI....	GA....	NH4...	0.03		
CA....	MC03...	NO3...	0.01		
CL....					
CO....	K....		3.9		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00600

GEOTHERM FILE ID: 0081171

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PAULINE SMITH WELL

WELL/SPRING NUMBER..... NSN-UE-09-CCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 43-46.31 N 111-45.80 W

COUNTRY..... UNITED STATES USN 040E 09 S OF S S

STATE..... IDAHO MENDOT BOISE

COUNTY..... MADISON

MAP REFERENCE..... HEADING 112400

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/09/00 STOKER

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 140.

PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

P..... 8.0

SPECFIC CONDUCTANCE..... 365.

ALKALINITY..... 155.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 229.

CHARGE IMBALANCE (± DIFF.)... 1.4

ANALYSIS IN MG/L

ISOTOPES (0/00)

AL....	CR....	MG....	15.	SiO2..	40.
AU....	CU....	MO....			
BA....	F....	NA....	14.	SO4..	11.
HA....	FE+3...	NA+K..			
HI....	GA....				
CA....	MC03...		149.		
CL....					
CO....	K....		2.7		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPTER AFFILIATION... IOAMU DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00601

GEOTHERM FILE 101 0081176

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WALZ ENTERPRISES INC.

WELL/SPRING NUMBER..... 06N-41E-10-ACC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06N 041E 10 SW OF SW NE

LAT/LONG... 43-51.73 N 111-36.41 W

STATE..... IDAHO

MENUS BOISE

COUNTY..... MADISON

GEOLOGIC PROVINCE.. 18

MAP REFERENCE..... WHITE OWL BUTTE 112400

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... STOKER

TEMPERATURE (C)..... 26

PENT. DEPT. LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.7

SPECIFIC CONDUCTANCE..... 492

ALKALINITY..... 190 AS CaCO3

TOTAL DISSOLVED SOLIDS... 347

CHARGE IMBALANCE (A DIFF.)... 2.3

ANALYSIS IN MG/L

ISOTOPIES (0/001)

AL..... CA..... MG... 6.9

AU..... CU..... MO... 5102. 65.

H..... F..... NA... 65.

HA..... FE+3... NA+K... 504.. 26.

HI..... GA..... NH4... 0.1

CA..... 31. HCO3... 232.

CL..... 27. CO... 4.0

CO..... K..... 9.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPTER AFFILIATION... IOAMU DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00602

GEOTHERM FILE 101 0081176

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WANDA WOODS WELL NO. 1

WELL/SPRING NUMBER..... 06N-41E-10-BHB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06N 041E 10 NW OF NW NW

LAT/LONG... 43-52.09 N 111-37.03 W

STATE..... IDAHO

MENUS BOISE

COUNTY..... MADISON

GEOLOGIC PROVINCE.. 18

MAP REFERENCE..... WHITE OWL BUTTE 112400

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... STOKER

TEMPERATURE (C)..... 26

PENT. DEPT. LITHOLOGY..... 11.

PERCENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.
 WATER ANALYSIS U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....

P.....

SPECIFIC CONDUCTANCE.....

ALKALINITY.....

TOTAL DISSOLVED SOLIDS.....

ANALYSIS IN MG/L

AL.....

AU.....

H.....

HI.....

CA..... 33.

CL..... 24.

CO.....

CR.....

CU.....

F..... 3.5

GA.....

HCO3..... 240.

K..... 8.6

U.S. GEOLOGICAL SURVEY

AS CaCO3

MG... 7.2

MO... 5102. 00.

NA... 04.

NH4... 0.1

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00603

GEOTHERM FILE 101 0001175

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WANDA WOODS WELL NO. 2

WELL/SPRING NUMBER..... 60N-41E-10-UBB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 43-51.67 N 111-36.5 W

COUNTRY..... UNITED STATES UGN 041E 10 NW OF NW SE

STATE..... IDAHO MEHIST HOISE

COUNTY..... MADISON

MAP REFERENCE..... WHITE OWL BUTTE 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/06/16 U.S. GEOLOGICAL SURVEY

TEMPERATURE (C)..... 21.

PERCENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

P.....

SPECIFIC CONDUCTANCE.....

ALKALINITY.....

TOTAL DISSOLVED SOLIDS.....

CHARGE IMBALANCE (S DIFF.).....

ANALYSIS IN MG/L

AL.....

AU.....

H.....

HI.....

CA..... 31.

CL..... 25.

CO.....

CR.....

CU.....

F..... 4.5

GA.....

HCO3..... 217.

K..... 8.5

MG... 7.0

MO... 5102. 00.

NA... 70.

NH4... 0.13

NO3... 1.8

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00604

GEOTHERM FILE 101 0025320

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PAUL CITY WELL
WELL/SPRING NUMBER... 095-023E-78-CCA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 095 023E 28 NE OF SW SW

LAT/LONG... 42-33.93 N 113-47.30 W

STATE... IDAHO

COUNTY... MINIDOKA

MAP REFERENCE... BURLEY S.E. 112-000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 22.

WELL DEPTH (M)... 137.

DISCHARGE... 7570. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1980

RECORD 00605

GEOTHERM FILE 101 0025329

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LEWISTON CITY WELL

WELL/SPRING NUMBER... 75N-05W-06-CBC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 75N 005W 06 SW OF NW SW

LAT/LONG... 46-24.24 N 117-01.30 W

STATE... IDAHO

COUNTY... NEZ PERCE

MAP REFERENCE... CLARKSTON 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 20.

WELL DEPTH (M)... 182.

DISCHARGE... 4542. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00606

GEOTHERM FILE 101 0081177

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KENT WARM SPRINGS (HENRY KENT)

WELL/SPRING NUMBER... 125-34E-36-HCB 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 125 034E 36 NW OF SW NW

LAT/LONG... 42-20.36 N 112-26.2 W

STATE... IDAHO

COUNTY... BUTTE

MAP REFERENCE... 20

MAP REFERENCE... DANIELS 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1972/05/17 YOUNG AND MITCHELL

TEMPERATURE (C)... 24.

DISCHARGE... 715.

PERMIT LITHOLOGY... PALEOZOIC LIMESTONE.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 PH..... 6.7
 SPECIFIC CONDUCTANCE..... 479
 ALKALINITY..... 185 AS CaCO₃
 TOTAL DISSOLVED SOLIDS..... 295
 CHARGE IMBALANCE (A DIFF.)..... 0.7
 ANALYSIS IN MG/L

ISOTOPES (O/DH)

AG.....	CO ₃	N	MG.....	19.		
AL.....	CH.....		MO.....		SI02.	33.
AU.....	CU.....		NA.....	15.		
R.....	F.....	0.3	NA+K.		504..	18.
HA.....	FE+3.....		NO ₃ ..	0.73		
CA.....	HC0 ₃	226.	PO ₄ ..	N		
CO.....	H ₂ S.....					
CL.....						
CO.....		4.3				

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENJAMIN GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL 1973

RECORD 00607

GEOTHERM FILE 103 0081178

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MALAD WARM SPRINGS (JOHN NELSON)
 WELL/SPRING NUMBER..... 145-J6E-27-CUA 15
 LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ONEIDA
 GEOLOGIC PROVINCE... 20
 MAP REFERENCE..... MALAD CITY EAST 1:24000

COORDINATES

LAT/LONG... 42-10.40 N 112-14.37 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTOR..... 1972/US/16 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 25
 DISCHARGE..... 166 L/MIN
 DEPOSITS OR ALTERATION... TRAVERTINE DEPOSITS
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 7590
 ALKALINITY..... 186 AS CaCO₃
 TOTAL DISSOLVED SOLIDS..... 4350
 CHARGE IMBALANCE (A DIFF.)..... 0.7
 ANALYSIS IN MG/L

ISOTOPES (O/DH)

AG.....	CO ₃	N	MG.....	79.		
AL.....	CH.....		MO.....		SI02.	19.
AU.....	CU.....		NA.....	1200.		
R.....	F.....	0.4	NA+K.		504..	25.
HA.....	FE+3.....		NO ₃ ..	0.95		
CA.....	HC0 ₃	458.	PO ₄ ..	N		
CO.....	H ₂ S.....					
CL.....						
CO.....		2100.				

CO..... 210.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00608

GEOTHERM FILE ID: 0081179

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... PLEASANTVIEW WARM SPRINGS
 WELL/SPRING NUMBER..... 155-35E-03-AAH 15
 MAIN NUMBER..... 194
 LOCATION
 COUNTY..... UNITED STATES 155 035E 03 NW OF NE VE
 STATE..... IDAHO MERID: BOISE
 COUNTY..... ONEIDA
 GEOLOGIC PROVINCE... 20
 MAP REFERENCE..... HALAD CITY WEST 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1972/05/16 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 25

COORDINATES
 LAT/LONG... 42-09.34 N 112-20.92 W

DISCHARGE..... 14420 L/MIN
 PERCENT LITHOLOGY..... QUARTZARY ALLUVIUM
 WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 ANALYST..... D.M.
 SPECIFIC CONDUCTANCE..... 2190
 ALKALINITY..... 271 AS CAC03
 TOTAL DISSOLVED SOLIDS... 1220
 CHARGE IMBALANCE (% DIFF.)... 0.5
 ANALYSIS IN MUGL

ISOLINES 10/2001

AG.....	CO3.....	4	MG.....	33	
AL.....	CU.....		MO.....	5102	21
AS.....	FE.....	0.7	NA.....	200	
BA.....	FE+3.....		NA+K.....	504	110
CA.....	MG03.....	331	NO3.....	1.5	
CO.....	M25.....		PO4.....	4	
CL.....					
CO.....		29			

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00609

GEOTHERM FILE ID: 0081180

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... WOODHUFF HOT SPRINGS
 WELL/SPRING NUMBER..... 165-30E-10-BHC 15
 LOCATION
 COUNTY..... UNITED STATES 165 030E 10 SW OF NW NW
 STATE..... IDAHO MERID: BOISE
 COUNTY..... ONEIDA
 GEOLOGIC PROVINCE... 20
 MAP REFERENCE..... HENDERSON CREEK 1124000

COORDINATES
 LAT/LONG... 42-03.37 N 112-14.70 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/11 YOUNG, BILL AND MITCHELL, JOHN
 TEMPERATURE (C)..... 27.
 PERMIT/LITHOLOGY..... PALEOZOIC LIMESTONE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... 7.3
 SPECIFIC CONDUCTANCE..... 5370.
 ALKALINITY..... 372. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 3090.
 CHARGE IMBALANCE (A DIFF.)... 3.4
 ANALYSIS IN MG/L

ISOTOPIES (U2001)

AG....	CO ₃	N	MG....	45.	SI02.	24.
AL....	CH.....		MU....			
AIU....	CU.....		NA....	910.	504..	50.
9....	F.....	0.6	NO ₃ ..	1.9		
RA....	FE+3....		PO ₄ ..	0.03		
CA....	130.	MC03....				
CO....		H2S.....				
CL....	1000.					
CO....		K.....				
		87.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DEHNMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00610

GEOTHERM FILE 101 0081205

GEOCHEM. SAMPLE FILE

NAME OF SAMPLE SOURCE... A. WHITTED WELL

WELL/SPRING NUMBER..... 055-03E-2H-HCC 1

LOCATION.....

COUNTRY..... UNITED STATES 055 003E 2H SW OF SW 14

STATE..... IDAHO MERIDIAN NOISE

COUNTY..... OYHME

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... GRAND VIEW 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/31 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 65.

WELL DEPTH (M)..... 774.

PERMIT/LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS AND PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 4.6

SPECIFIC CONDUCTANCE..... 437.

ALKALINITY..... 130. AS CaCO₃

TOTAL DISSOLVED SOLIDS... 324.

CHARGE IMBALANCE (A DIFF.)... 2.7

ANALYSIS IN MG/L

AG....	CO ₃	67.	LI....	0.02	SH....	
AL....	CH.....		MU....	N	SC....	
AS....	0.004		NA....		SI02.	90.
AIU....	CU.....					
9....	0.002	21.				

ISOTOPIES (U2001)

DEL D OF WATER..... -142.
 DEL D(1H) OF WATER... -17.0

RA....	FE+3....	NA+K...	504..	9.8
CA.... 0.8	MCU3.... 27.	NO3... N		
CA+MG...	MS.... 0.0001			
CD....	M2S....	PO4... 0.06		
CL.... 15.				
CO....	R..... 1.3			

GAS ANALYSIS

ANALYSIS IN VOLUME %

C4H.. 2.	N2... 69.
C2H6..	O2... 17.
CO2.. L 1.	
H2... L 0.1	

ISOTOPES (100/1)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A; NIGHTMIRE AND OTHERS, 1976 (ISOTOPE DATA)

RECORD 00611

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0001220

NAME OF SAMPLE SOURCE... ACE BLACK WELL

WELL/SPRING NUMBER..... 045-00E-32-MDD 1

LOCATION

LOCALITY RANGE

COORDINATES

COUNTRY..... UNITED STATES

USGS GORE 32 SE OF SE SW

LAT/LONG... 42-51.60 N 115-46.10 W

STATE..... IDAHO

NEARBY TOWNSHIP

COUNTY..... LATAH

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... SUGAR VALLEY 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1473/06/25 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 74.5

WELL DEPTH (M)..... 427

DISCHARGE..... 1020 L/MIN

PRESENT LITHOLOGY..... PLEISTOCENE FRACTURED BASALT.

GAS ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 9.3

SPECIFIC CONDUCTANCE..... 413

ALKALINITY..... 122 AS CAUO3

TOTAL DISSOLVED SOLIDS... 327

CHARGE IMBALANCE IN DIFF. 1... 0.3

ANALYSIS IN MU/L

ISOTOPES (100/1)

MA....	CO3.... 8.0	LI... 0.01
AL....	CH....	MG... 0.1
AS.... 0.0005		
AR....		
BA.... 0.03	FE+3.... 27.	NA... 94.
BR....	MCU3.... 132.	NO3... 0.01
CA.... 3.1		PO4... 0.06
CD....		
CE.... 11.		
CH....		
CI....		
CL....		
CO....		
CR....		
CU....		
FE+3....		
MCU3....		
MS....		
M2S....		
NA+K...		
NO3... N		
PO4... 0.06		
R..... 3.1		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00612

GEOCHEMICAL SAMPLE FILE

GEOCHEM FILE 101 0081247

NAME OF SAMPLE SOURCE... ACE BLACK HELL #2

WELL/SPRING NUMBER..... 075-05E-05-DHC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 075 05E 05 S4 OF N4 SE

LAT/LONG... 42-50.50 N 115-52.97 W

STATE..... IDAHO MERIDIAN: HUISE

COUNTY..... Owyhee

GEOLOGIC PROVINCE... COLUMBIA PLATEAU

MAP REFERENCE..... LITTLE VALLEY 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/06/25 YOUNG

TEMPERATURE (C)..... 72

WELL DEPTH (M)..... 733

DISCHARGE..... 45 L/MIN

RELEVANT LITHOLOGY..... PLIOCENE JOINTED BASALT

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 9.0

SPECIFIC CONDUCTANCE..... 332

ALKALINITY..... 78 AS CaCO3

TOTAL DISSOLVED SOLIDS... 261

CHARGE IMBALANCE (+ DIFF.)... 4.2

ANALYSIS IN MG/L

ISOTOPES (O/001)

AG..... CO3..... 4.0 LI..... 0.01

AL..... CN..... MU..... 0.1

AS..... 0.003

AU..... CU..... MU..... S102..... 75

H..... 0.17 F..... 8.2 NA..... 030

BA..... FE3..... NA..... 504..... 48

CA..... HCO3..... N3..... N

CD..... H2S..... PU4..... 0.06

CL..... K.....

CO..... R.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE U.

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00613

GEOCHEM FILE 101 0081104

GEOCHEMICAL SAMPLE FILE

NAME OF SAMPLE SOURCE... ALFRED MEYERSON WELL

WELL/SPRING NUMBER..... 035-01E-35-DAC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 035 01E 35 SW OF NE SE

LAT/LONG... 43-07.0 N 116-17.82 W

STATE..... IDAHO MERIDIAN: HUISE

COUNTY..... Owyhee

MAP REFERENCE..... CASTLE HUISE 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/24 YOUNG & WHITEHEAD
 TEMPERATURE (C)..... 70.
 WELL DEPTH (M)..... 91.

PERMEANT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 440.
 ALKALINITY..... 202. AS CaCO₃
 TOTAL DISSOLVED SOLIDS..... 304.
 CHARGE IMBALANCE (3 DIFF.)... 5.2

ANALYSIS IN MG/L

ANALYSIS IN MG/L		ISOTOPIES (0/001)	
AG.....	CO ₃ N	LI... 0.03	
AL.....	CR.....	MG... 9.9	
AS..... 0.004			
AU.....	CU.....	MO... 35.	SI ₃₂ .. 55.
H..... 0.06	F..... 2.1	NA... 35.	SO ₃₄ .. 25.
HA.....	FE+3.....	NO ₃ .. 0.01	
CA..... 43.	HCO ₃ 246.		
CA+MG.....	MG..... N		
CO.....	H ₂ S.....	PO ₄ .. 0.02	
CL..... 7.1			
CO.....	K..... 6.8		

QUALIFICATION FIELD..... NO₃ INCLUDES NO₂

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00614

GEOHEM FILE 101 0081254

GEOHEM FILE

NAME OF SAMPLE SOURCE... BELL BRAND INC. WELL

WELL/SPRING NUMBER..... 075-05E-19-CCC 1

LOCATION

COUNTRY..... UNITED STATES 075-005E 19 S4 OF S4 S4

STATE..... IDAHO

COUNTY..... OUYHFE

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... LITTLE VALLEY 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/23 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 70.5

WELL DEPTH (M)..... 232.

PERMEANT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 309.
 ALKALINITY..... 147. AS CaCO₃
 TOTAL DISSOLVED SOLIDS..... 264.
 CHARGE IMBALANCE (3 DIFF.)... 4.0

ANALYSIS IN MG/L

ISOTOPIES 10/001

AG....	CO3..... N	LI....	0.01		
AL....	CR.....	MG....	0.1		
AS....	0.019	CU.....		SI02.	24.
AU....		F.....	12.	NA....	55.
H....	0.11	FE+3....		NA+K.	504.. 24.
HA....		HC03....	103.	NU3...	0.24
CA....	7.7	MG..... N			
CA+MG.					
CL....	11.				
CO....			7.6		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00615

GEOTHERM FILE 101 0081246

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BELL BRAND RANCHES WELL
 WELL/SPRING NUMBER..... 075-04E-25-ADC 1
 LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... Owyhee
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... LITTLE VALLEY 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND COMMENTS

COORDINATES

LAT/LONG... 42-47.23 N 115-55.12 W

SAMPLE DESCRIPTION AND COMMENTS

DATE/COLLECTOR..... 1973/LS/24 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 36.5

WELL DEPTH (M)..... 224.

DISCHARGE..... 11900 L/MIN

PERMIT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS AND JOINTED BASALT.

WATER ANALYSIS

ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 0.9

SPECIFIC CONDUCTANCE..... 364

ALKALINITY..... 87

TOTAL DISSOLVED SOLIDS... 250

CHANGE IMBALANCE (A DIFF.)... 74.1

ANALYSIS IN MU/L

AG.... CO3..... N LI.... 0.01

AL.... CU..... MG.... 0.1

AS.... F..... MU.... SI02. 140.

AU.... FE+3.... NA.... 25.

H.... HC03.... NA+K. 504.. 24.

HA.... H2O.... NU3... 0.58

CA.... H2S.... PO4... 0.12

CL.... K.....

CO....

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00616

GEOTHERM FILE 101 0081233

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HILL BUNGARDT WELL NO. 2
WELL/SPRING NUMBER... 075-04E-04-ACD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 075 04E 04 SE OF SW NE
STATE... IDAHO MERIDIAN BUISE
COUNTY... Owyhee
GEOLOGIC PROVINCE... 17

LAT/LONG... 42-50.69 N 116-00.0 W

MAP REFERENCE... CHALK HILLS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1973/06/08 YOUNG AND WHITEHEAD
TEMPERATURE (C)... 74
WELL DEPTH (M)... 245
DISCHARGE... 2720 L/MIN
PERCENT LITHOLOGY... PLIOCENE BASALT

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

P... 7.4
SPECIFIC CONDUCTANCE... 437
ALKALINITY... 176 AS CaCO3
TOTAL DISSOLVED SOLIDS... 346
CHARGE IMBALANCE (A DIFF)... 1.0

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG...	CO3...	N	LI...	0.05		
AL...	CH...		MG...	2.8		
AS... 0.024						
AV...	CU...		MO...	5102.	94.	
H... 0.04	F...	1.7	NA...	31.		
HA...	FE...		NAK...	504.	36.	
CA... 51.	MC03...	214.	NO3...	0.02		
CA-M...	MG...	0.0003				
CU...	N2S...		PO4...	0.06		

CO... 15.
N... 15.

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE D.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE... YOUNG AND WHITEHEAD, 1975A

RECORD 00617

GEOTHERM FILE 101 0081243

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BLAIN HAWKINS WELL NO. 2
WELL/SPRING NUMBER... 075-04E-23-CBB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 075 04E 23 NW OF NW SW
STATE... IDAHO
COUNTY... Owyhee
GEOLOGIC PROVINCE... 17

LAT/LONG... 42-47.99 N 115-57.06 W

MAP REFERENCE... LITTLE VALLEY 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS
DATE/COLLECTOR... 1973/06/13 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 38.5
 WELL DEPTH (M)..... 247.
 DISCHARGE..... 12410 L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS AND BASALT.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 PH..... 8.4
 SPECIFIC CONDUCTANCE..... 352.
 ALKALINITY..... 49.
 TOTAL DISSOLVED SOLIDS..... 296.
 CATION BALANCE (4 DIFF.)..... 5.9
 ANALYSIS IN MUM/L

AS CaCO3

ISOTOPES (0/001)

AG.....	CO3.....	6.0	MG.....	0.2		
AL.....	CR.....		MO.....		5102.	90.
AU.....	CU.....		NA.....	58.	504.	36.
H.....	F.....	10.	NO3.....	1.1		
HA.....	FE+3.....		PO4.....	N		
CA..... 12.	HCO3.....	108.				
CO.....	H2S.....					
CL..... 11.						
CO.....	K.....	0.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00618

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0025360

NAME OF SAMPLE SOURCE... BLAINE HAWKINS WELL
 WELL/SPRING NUMBER..... 075-004E-22-UC
 LOCATION
 COUNTY..... UNITED STATES 075 004E 22 SW OF SE
 STATE..... IOWA

COORDINATES

LAT/LONG... 42-48.17 N 115-57.64 W

CITY..... UYNHE
 MAP REFERENCE..... LITTLE VALLEY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 38.
 WELL DEPTH (M)..... 304.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDGEMAN, KIM M.
 COMPILER AFFILIATION... IOWA DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00619

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0025341

NAME OF SAMPLE SOURCE... BOB DIRKS WELL
 WELL/SPRING NUMBER..... 065-00JE-10-CA
 LOCATION
 COUNTY..... UNITED STATES 065 00JE 10 NE OF NE SW
 STATE..... IOWA

COORDINATES

LAT/LONG... 42-54.94 N 116-05.29 W

CITY..... UYNHE
 MAP REFERENCE..... LITTLE VALLEY 1124000
 SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 750.
 DISCHARGE..... 7570. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00620

GEOTHERMAL SAMPLE FILE
 NAME OF SAMPLE SOURCE... RHINEAU CITY CEMETERY WELL

GEOTHERMAL FILE NO 0081222

WELL/SPRING NUMBER..... 065-06E-19-000 1

LOCATION

COORDINATES

LAT/LONG... 42-53.14 N 115-46.91 W

COUNTRY..... UNITED STATES DMS 006E 19 SE OF NW SE

STATE..... IDAHO MERID: NAD83

COUNTY..... Owyhee

GEOLOGIC PROVINCE... 17

MIP REFERENCE..... RHINEAU 1324000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/07/18 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 42.

WELL DEPTH (M)..... 411.

PERCENT LITHOLOGY..... PLIOCENE FRACTURED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 9.2

SPECIFIC CONDUCTANCE..... 421.

ALKALINITY..... 111. AS CaCO3

TOTAL DISSOLVED SOLIDS... 314.

CHARGE IMBALANCE (K DIFF.)... 4.7

ANALYSIS IN MG/L

ISOTHERMS (0/00)

AG..... CO3..... 24. LI..... 0.01

AL..... CH..... MG.....

AS..... 0.025

AU..... CU..... MU..... 5102. 84.

H..... F..... NA..... 94. 504. 20.

HA..... FE..... NA..... 504. 20.

CA..... HCO3..... NO3..... 0.02

CA-M..... MG.....

CL.....

C..... 1.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00621

GEOTHERMAL SAMPLE FILE

GEOTHERMAL FILE NO 0081222

NAME OF SAMPLE SOURCE... RHINEAU CITY WELL

WELL/SPRING NUMBER..... 065-06E-24-000 1

LOCATION

COORDINATES

LAT/LONG... 42-53.05 N 115-48.04 W

COUNTRY..... UNITED STATES DMS 005E 24 NW OF SE SE

STATE..... IDAHO MERID: NAD83

COUNTY..... UNYHFE
 GEOLOGIC PROVINCE... COLUMBIA PLATEAU
 MAP REFERENCE..... BRUNEAU 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/07/25 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 72.5
 WELL DEPTH (M)..... 591.
 PRESENT LITHOLOGY..... PLIOCENE BASALT AND SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P..... 9.0
 SPECIFIC CONDUCTANCE..... 410.
 ALKALINITY..... 121.
 TOTAL DISSOLVED SOLIDS... 327.
 CHARGE IMBALANCE (% DIFF.)... 5.8

AS CaCO3

ANALYSIS IN MU/L

ISOTOPES (0/001)

AG.....	Cl3.....	10.	Li.....	0.01		
AL.....	CH.....		MG.....	N		
AS..... 0.02						
AI.....	CU.....		MU.....		5102.	79.
H..... 0.38	F.....	25.	NA.....	99.	504.	35.
HA.....	FE+3.....		NA+K.....			
CA..... 2.0	HCO3.....	127.	VO3.....	N		
CA+M.....	MG.....	N				
CD.....	H2S.....		PO4.....	0.15		
CL..... 11.						
CO.....	K.....	2.3				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00622

GEOTHERM FILE 101 0081201

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RUMGHART CO. WELL

WELL/SPRING NUMBER..... 855-03E-20-BH 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

USS 00JE 20 NW OF N 4

LAT/LONG... 42-58.91 N 116-08.13 W

STATE..... IDAHO

MERID: BOISE

COUNTY..... UNYHFE

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... VINSON, NASH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/23 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 71.

WELL DEPTH (M)..... 7.6

PRESENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P..... 1.2
 SPECIFIC CONDUCTANCE..... 1330.
 ALKALINITY..... 577.
 TOTAL DISSOLVED SOLIDS... 805.
 CHARGE IMBALANCE (% DIFF.)... 3.8

AS CaCO3

ANALYSIS IN MUF

ISOTOPES 10/001

AG....	C03..... N	L1....	0.73		
AL....	CH.....	M0....	3.9		
AS.... 0.002	CU.....	M0....		5132.	110.
AU....	F..... 0.5	NA....	230.		
H.....	FE+3....	NA+K.		504..	6.7
HA....	MCO3.... 703.	M03..	3.0		
CA.... 42.	M..... N	M04..	0.4		
CA+H.	M2S....				
CD....	K..... 19.				
CL.... 30.					
CO....					

GAS ANALYSIS

ISOTOPES 100/01

ANALYSIS IN VOLUME %

CH4.. 16.	N2.... 62.
C2H6..	O2.... 24.
CO2.. L 1.	
H2... L 0.1	

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00623

GEOGRAPHIC SAMPLE FILE

GEOGRAPHIC FILE 101 0001224

NAME OF SAMPLE SOURCE... CARL AND MARY LOUS WELL,
 WELL/SPRING NUMBER..... 065-05E-35-CCA 1
 LOCATION..... IDAHO-RAVINE
 COUNTY..... UNITED STATES 065 05E 35 NE OF SW SW
 STATE..... IDAHO MEMPHIS BOISE
 COUNTY..... UNYMER
 GEOLOGIC PROVINCE... COLUMBIA PLATEAU

COORDINATES

LAT/LONG... 42-51.25 N 115-49.88 W

MAP REFERENCE... SUGAR VALLEY 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/19 WHITEHEAD

TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 140.

PERMEABLE LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 462.

ALKALINITY..... 136.

TOTAL DISSOLVED SOLIDS... 344.

TOTAL UNBALANCE (P DIFF.)... 0.5

ANALYSIS IN MUF

ISOTOPES 10/001

AG....	C03..... N	L1....	0.04		
AL....	CH.....	M0....	3.9		
AS.... 0.018	CU.....	M0....		5132.	73.
AU....	F..... 0.9	NA....	500.		
H.....	FE+3....	NA+K.		504..	66.
HA....	MCO3.... 165.	M03..	0.17		
CA.... 30.	M..... N				
CA+H.					

CD.... H2S..... P04... 0.06
 CL.... 11. K..... 8.6
 CO....
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00624

GEOTHERM FILE 101 0001252

GEOTHERM SAMPLE TITLE
 NAME OF SAMPLE SOURCE... CAHL O. STEINER WELL
 WELL/SOUNDING NUMBER..... 075-005E-13-CHB 1
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... IOWA
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... SUGAR VALLEY 1124000
 DIRECT LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES
 LAT/LONG... 42-48.8 N 115-48.75 W

DATE/COLLECTOR..... 1973/06/21 WHITEHEAD N.
 TEMPERATURE (C)..... 76.
 ELL DEPTH (M)..... 596.
 PERCENT LIMULOGY..... PLIOCENE FRACTURED BASALT.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... H.7
 SPECIFIC CONDUCTANCE..... 284.
 ALKALINITY..... 79.
 TOTAL DISSOLVED SOLIDS... 234.
 CHARGE IMBALANCE (in DIFF).... 4.7
 ANALYSIS IN MUMZ

ISOLOPES 10/01

AR.....	CO3.....	5.0	LI.....	0.01		
AL.....	CH.....		MG.....	N		
AS.....	0.027					
AI.....	CU.....		MO.....	5102.	83.	
H.....	0.13		NA.....	50.		
HA.....	FE.....	11.	NA.....	504.	14.	
CA.....	6.7		NU3.....	0.13		
CA.....	0.0003		P04.....	0.12		
CU.....	H2S.....					
CL.....	1.0					

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00625

GEOTHERM FILE 101 0025335

GEOTHERM SAMPLE TITLE
 NAME OF SAMPLE SOURCE... CEMEDA RANCHES WELL NO. 1
 WELL/SOUNDING NUMBER..... 014-03N-01-0CH
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... IOWA
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... SUGAR VALLEY 1124000
 DIRECT LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES
 LAT/LONG... 43-21.51 N 116-36.36 W

STATE..... IDAHO
 COUNTY..... Owyhee
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... WILSON PEAK 112400
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 40.
 WELL DEPTH (M)..... 365.
 DISCHARGE..... 18. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00626

GEOTHERM FILE 101 0025342

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... CHARLES ELUMBAUGH WELL
 WELL/SPRING NUMBER..... 014-0343-26-UAC1
 LOCATION:
 COUNTY..... UNITED STATES 01N 003W 20 SW OF NE SE
 STATE..... IDAHO
 COUNTY..... Owyhee
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... GIVENS HOT SPRINGS 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 37.
 WELL DEPTH (M)..... 399.
 DISCHARGE..... 302. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00627

GEOTHERM FILE 101 0041191

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... CHARLES STEINER WELL
 WELL/SPRING NUMBER..... 055-015-03-AAH-1
 LOCATION:
 COUNTY..... UNITED STATES 05S 001E 03 NW OF NE NE
 STATE..... IDAHO
 COUNTY..... Owyhee
 MAP REFERENCE..... CASTLE BUTTE 112400
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION..... 1973/07/24 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 32.
 WELL DEPTH (M)..... 479.
 REMARKS/ANALYSIS..... PLIOCENE PLEISTOCENE SEDIMENTS.
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 SPECIFIC CONDUCTANCE..... 7.0
 ALKALINITY..... 1230
 TOTAL DISSOLVED SOLIDS... 645. AS CaCO3
 CHARGE BALANCE TO DIFF. 1... 0.2

ANALYSIS IN MU/L

ISOTOPES 10/001

AG....	CO3..... N	LI....	0.7		
AL....	CR.....	MG....	1.3		
AS.... 0.01					
AU....	CU.....	MO....		5102.	120.
H.... 0.0	F..... 0.5	NA....	260.		
HA....	FE+3....	NA+K..		504..	7.2
CA.... 27.	HC03.... 787.	NO3... N			
CA+16..	MG..... N				
CD....	M25.....	PO4... 0.07			
CL.... 10.					
CO....	K..... 29.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IIAHU DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00628

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0001207

NAME OF SAMPLE SOURCE... CHESTER FINDALL WELL

WELL/SPRING NUMBER..... 055-05E-33-BHD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	055 005E 33 SE OF NW 1/4	LAT/LONG...	42-57.04 N 115-52.34 W
STATE.....	IDAHO	MEMPHIS HOUSE		
COUNTY.....	OWYHEE			
GEOLOGIC PROVINCE...	A7			

MAP REFERENCE..... BUREAU 1124000

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTOR..... 1973/07/31 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 22.0

WELL DEPTH (M)..... 76.

PERFIDENT LITHOLOGY..... PLIOCENE BASALT AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.2

SPECIFIC CONDUCTANCE..... 1650.

ALKALINITY..... 349. AS CaCO3

TOTAL DISSOLVED SOLIDS... 1100.

CHARGE IMBALANCE IN DIFF. 2.7

ANALYSIS IN MU/L

ISOTOPES 10/001

AG....	CO3..... N	LI....	0.23		
AL....	CR.....	MG....	06.		
AS.... 0.020					
AU....	CU.....	MO....		5102.	40.
H.... 0.3	F..... 0.0	NA....	170.		
HA....	FE+3....	NA+K..		504..	450.
CA....	HC03.... 425.	NO3... 5.3			
CA+20..	MG..... N				
CL.... 40.					
CD....	K..... 0.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IIAHU DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00629

GEOTHERM FILE 101 0001239

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLARENCE COOK WELL

WELL/SPRING NUMBER... 075-04E-13-MCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 075 004E 13 SW OF SW 1/4

LAT/LONG... 42-48.92 N 115-56.02 W

STATE... IDAHO

MERID: 8015E

COUNTY... Owyhee

GEOLOGIC PROVINCE... 17

MAP REFERENCE... LITTLE VALLEY 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTION... 1473/07/26 YOUNG AND WHITEHEAD

TEMPERATURE (C)... 39

WELL DEPTH (M)... 323

DISCHARGE... 5610 L/MIN

PERTINENT LITHOLOGY... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

pH... 9.0

SPECIFIC CONDUCTANCE... 289

ALKALINITY... 83 AS CaCO3

TOTAL DISSOLVED SOLIDS... 247

CHARGE IMBALANCE (2 DIFF)... 2.3

ANALYSIS IN MG/L

ISOTOPES 10/001

AG...	CO3...	6.0	LI...	0.01		
AL...	CA...		MG...	0.2		
AS...	0.019					
AT...	CU...		MO...	5102.	95.	
BA...	9.0		NA...	49.		
BB...	FE3...		NA+K...	504.	20.	
CB...	HCO3...	89.	NU3...	0.26		
CC...	H2O...		PU4...	0.18		
CD...	H2S...					
CE...						
CF...						
CG...						
CH...						
CI...						
CJ...						
CK...						
CL...						
CM...						
CN...						
CO...						
CP...						
CQ...						
CR...						
CS...						
CT...						
CU...						
CV...						
CW...						
CX...						
CY...						
CZ...						
DA...						
DB...						
DC...						
DD...						
DE...						
DF...						
DG...						
DH...						
DI...						
DJ...						
DK...						
DL...						
DM...						
DN...						
DO...						
DP...						
DQ...						
DR...						
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DX...						
DY...						
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FK...						
FL...						
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FU...						
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FX...						
FY...						
FZ...						
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LX...						
LY...						
LZ...						
MA...						
MB...						
MC...						
MD...						
ME...						
MF...						
MG...						
MH...						
MI...						
IJ...						

TEMPERATURE (C)..... 76.5
 WELL DEPTH (M)..... 750.
 DISCHARGE..... 38. L/MIN
 PERCENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.
 REFERENCE ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 1100. AS CaCO3

ALKALINITY..... 554.

TOTAL DISSOLVED SOLIDS... 742.

CHANGE IN BALANCE (X DIFF.)... 0.1

ANALYSIS IN MG/L

AG....		CO3..... M	LI....	0.74		
AL....		CR.....	MG....	2.0		
AS....	0.004					
AU....		CU.....	MO....		5102.	89.
H....	1.2	F.....	6.4	NA....	250.	
HA....		FE+3....		NA+K.	504..	3.4
CA....	9.9	MC03....	675.	NO3..	0.01	
CA+MG.		MG.....	0.0003	PO4..	0.16	
CU....		M2S.....				
CL....	25.					
CO....		K.....	22.			

ISOTOPIES (U/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00631

GEOCHEM FILE 101 0025356

GEOCHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLARENCE MERRICK WELL

WELL/SPRING NUMBER..... 075-004E-03-BHC

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... UYHPE

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... LITTLE VALLEY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 73.

WELL DEPTH (M)..... 274.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00632

GEOCHEM FILE 101 0081208

GEOCHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLAY ATKINS WELL

WELL/SPRING NUMBER..... 055-05E-74-0001

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... UYHPE

GEOLOGIC PROVINCE... COLUMBIA PLATEAU

COORDINATES

LAT/LONG... 42-50.39 N 115-50.23 W

MAP REFERENCE..... BRUNFAU 1124000
OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS
DATE/COLLECTOR..... 1973/07/31 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 25.
WELL DEPTH (M)..... 254.
PERCENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.5
SPECIFIC CONDUCTANCE..... 1100.
ALKALINITY..... 513. AS CaCO₃
TOTAL DISSOLVED SOLIDS... 691.
CHARGE IMBALANCE (A DIFF.)... 1.9

ANALYSIS IN MG/L

AG....	CO ₃	N	LI....	0.46		
AL....	CR....		MU....	12.		
AS....	0.01					
AU....	CU....		MU....	5102.	87.	
H....	0.7		NA....	190.		
HA....	FE+3....	0.6	NA+K.	504..	12.	
CA....	MC03....	625.	NO3..	0.33		
CA+MG.	MU.....	N				
CL....	24.					
CO....	K.....	24.				

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00633

GEOTHERM FILE 101 0081218

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CULYEN CATTLE CO.

WELL/SPRING NUMBER..... 065-05E-10-000 1

LOCATION

COUNTRY..... UNITED STATES 065 005E 10 SE OF SE SE

STATE..... IDAHO MENAUS BRUISE

COUNTY..... UNYHFE

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... BRUNFAU 1124000

COORDINATES

LAT/LONG... 42-54.71 N 115-50.33 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/05 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 19.

WELL DEPTH (M)..... 508.

LITHOLOGY

PERCENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS AND PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 8.8
SPECIFIC CONDUCTANCE..... 508.
ALKALINITY..... 102. AS CaCO₃
TOTAL DISSOLVED SOLIDS... 371.
CHARGE IMBALANCE (A DIFF.)... 3.3

ANALYSIS IN MG/L

AG....	CO ₃	19.	LI....	0.01
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ISOTOPES 10/001

AL....		CR.....		MG...	0.3		
AS....	0.002			MO...		5102.	70.
AU....		CU.....		NA...	120.		
H....	0.09	F.....	29.	NA+K.		504..	24.
HA....		FE+3....		NO3..	0.04		
CA....	2.0	MC03....	159.	PO4..	0.06		
CA+MG.		MG.....	N				
CO....		M25.....					
CL....	15.						
CO....		R.....	4.3				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00634

GEOTHERM FILE 101 0001442

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COLYER CATTLE CO. WELL
 WELL/SPRING NUMBER..... 005-00E-10-0001

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 00SE 10 SE OF SE SE
 STATE..... IDAHO
 COUNTY..... LATAH
 MAP REFERENCE..... HHUNFAU 1124000

LAT/LONG... 42-54.71 N 115-50.33 W

SAMPLE DESCRIPTION AND COMMENTS

DATE/COLLECTION..... 1972/06/14

TEMPERATURE (C)..... 34.5

WELL DEPTH (M)..... 508.

DISCHARGE..... 15 L/MIN

WATER ANALYSIS

P..... 8.6
 SPECIFIC CONDUCTANCE..... 549.
 ALKALINITY..... 170. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 306.
 CHARGE IMBALANCE (% DIFF.)... 5.9

ANALYSIS IN MG/L

ISOTOPES 10/001

AG....		CO3.....	21.	MO...	0.3		
AL....		CR.....		NA...		5102.	70.
AU....		CU.....		NA...	120.		
H....		F.....	29.	NA+K.		504..	24.
HA....		FE+3....		NO3..	0.12		
CA....	2.5	MC03....	165.	PO4..	0.04		
CA+MG.		M25.....					
CO....							
CL....	15.						
CO....		R.....	4.3				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00635

GEOTHERM FILE 101 0001257

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COLYER CATTLE CO. WELL #3
 WELL/SPRING NUMBER..... 075-00E-07-0001

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... OUYHEE
 GEOLOGIC PROVINCE... 17
 MSP REFERENCE..... HOT SPRING 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/07/05 YOUNG, BILL
 TEMPERATURE (C)..... 50.5
 WELL DEPTH (M)..... 277
 PERTINENT LITHOLOGY..... PLIOCENE BASALT
 WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.6
 SPECIFIC CONDUCTANCE..... 401
 ALKALINITY..... 120 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 336
 C-ANION IMBALANCE (B DIFF).... 0.6
 ANALYSIS IN MG/L
 AG..... CO3..... 43 LI..... 0.01 SO.....
 AL..... CR..... Mo..... 0.3 SC.....
 AS..... 0.018 CU..... 40..... SI02..... 100
 AU..... F..... 24 NA..... 100 SO4..... 27
 H..... 0.21 FE+3..... NA+K.....
 HA..... FE+3..... NO3..... 0.06
 CA..... 1.6 HCO3..... 59 PO4..... 0.12
 CA+Mg..... H+..... 0.0001
 CH..... H2S.....
 CL..... 10
 CO..... A..... 2.8
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975; NIGHTMIRE AND UHLEN, 1976 (ISOTOPE DATA)

ISOTOPE (O/18)

DEL D OF WATER..... -14.2
 DEL O(18) OF WATER... -18.2

RECORD 00636

GEOTHERM FILE 101 0001468

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... COLYER CATTLE CO. WELL NO. 3
 WELL/SPRING NUMBER..... 075-006-04-HADI
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... OUYHEE
 GEOLOGIC PROVINCE... 17
 MSP REFERENCE..... HOT SPRING 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1972/06/15
 TEMPERATURE (C)..... 50
 WELL DEPTH (M)..... 277
 DISCHARGE..... 570 L/MIN
 WATER ANALYSIS
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 440
 ALKALINITY..... 120 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 341
 C-ANION IMBALANCE (B DIFF).... 1.2

COORDINATES
 LAT/LONG... 42-50.06 N 115-44.05 W

ISLOPES 10/001

ANALYSIS IN MG/L

AG....	CO3....	40.	MG...	N		
AL....	CR....		MO...		5102.	93.
AU....	CU....		NA...	99.		
BA....	F....	22.	NA+K.		504..	27.
BR....	FE+3....		NO3...	0.05		
CA....	HC03....	72.	PO4...	0.06		
CL....	H2S....					
CO....	K....	2.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH, RANDY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00637

GEOTHERM FILE 101 0001574

GEOTHERM SAMPLE LABEL

NAME OF SAMPLE SOURCE... CULYEN CATTLE CO. WELL NO. 3
 WELL/SPRING NUMBER..... 075-006-09-HAD1

LOCATION

TRANSIT-RANGE

COORDINATES

COUNTY..... UNITED STATES 075 006E 09 SE OF NE 1/4
 STATE..... IDAHO
 COUNTY..... OATHEE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... HOT SPRING 1124000

LAT/LONG... 42-50.06 N 115-44.85 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/06/13
 TEMPERATURE (C)..... 51.0
 ELI DEPTH (M)..... 277
 DISCHARGE..... 454 L/MIN

WATER ANALYSIS

SPECTRIC CONDUCTANCE..... 433
 ALKALINITY..... 120 AS CAC03
 TOTAL DISSOLVED SOLIDS... 312
 CHARGE IMBALANCE IN DIFF... 0.3

ANALYSIS IN MG/L

ISLOPES 10/001

AG....	CO3....	46.	LI...	0.020	
AL....	CR....		MO...	0.1	
AS....	CU....		NO...		5102. 87.
BA....	F....	23.	NA...	100.	
BR....	FE+3....		NA+K.		504.. 26.
CA....	FE(SI)...		NO...		SR...
CL....	HC03....	56.	NO3...	0.18	
CO....	H2S....				
CU....	K....	2.8	PO4...	0.03	

TRITIUM (T.U.)..... 0.0 ± 0.4 - 0.2

ANALYTICAL DATA... TRITIUM ANALYZED BY T.A. MYERMAN, U.S.G.S. RESTON, VA.

ANALYSIS FIELD... CALCULATED TOTAL DISSOLVED SOLIDS NO3 INCLUDES NO21 PO4 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH, RANDY
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND LEWIS, 1980

RECORD 00638

GEOTHERM FILE 101 0001263

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COOKE GREENHOUSE WELL #1

WELL/SPRING NUMBER... 055-03E-26-MCH 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 055 003E 26 N OF SW 1/4

STATE... IDAHO MEMPHIS HOUSE

COUNTY... Owyhee

GEOLOGIC PROVINCE... 17

MAP REFERENCE... GRANNVIEW 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1973/06/07 YOUNG AND WHITEHEAD

TEMPERATURE (C)... 83

WELL DEPTH (M)... 935

PERCENT LITHOLOGY... PLIOCENE SILICIC VOLCANIC ROCKS AND PLIOCENE BASALT

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

PH... 9.3

SPECIFIC CONDUCTANCE... 530

ALKALINITY... 125 AS CaCO3

TOTAL DISSOLVED SOLIDS... 391

CHARGE IMBALANCE (4 DIFF)... 1.3

ANALYSIS IN MG/L

ISOTOPES (0/001)

DELT D OF WATER... -140

DELT O (18) OF WATER... -17.3

AG...	CO3...	64	LI...	0.04	SR...	
AL...	CH...		MG...	N	SC...	
AS...	0.034		MO...		SIG2...	110
AU...			NA...	110		
R...	0.57	15	NAK...		SO4...	64
HA...			NO3...	0.01		
CA...	2.1	22				
CL...		0.0003	PO4...	0.06		
CU...						
CL...	15					
CR...		1.7				

REFERENCE AND CITATION

COMPILED BY... DENMAN, GEORGE D.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... YOUNG AND WHITEHEAD, 1975; NIGHTMIRE AND OTHERS, 1976 (ISOTOPE DATA)

RECORD 00639

GEOTHERM FILE 101 0001204

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COOKE GREENHOUSE WELL #2

WELL/SPRING NUMBER... 055-03E-26-MCH 2

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 055 003E 26 N OF SW 1/4

STATE... IDAHO MEMPHIS HOUSE

COUNTY... Owyhee

GEOLOGIC PROVINCE... COLUMBIA PLATEAU

MAP REFERENCE... GRANNVIEW 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1973/06/07 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 47.
 WELL DEPTH (M)..... 905.
 DOMINANT LITHOLOGY..... PLEISTOCENE SILICIC VOLCANIC ROCKS AND PLEISTOCENE BASALTS (?)

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P.....
 SPECIFIC CONDUCTANCE..... 529.
 ALKALINITY..... 120.
 TOTAL DISSOLVED SOLIDS..... 380.
 CHARGE IMBALANCE (A DIFF.)..... 0.2

AS CaCO3

ANALYSIS IN MG/L

ISOTOPES (D/H2O)

AG.....	CO3.....	55.	LI.....	0.03		
AL.....	Ca.....		MG.....	0.1		
AS..... 0.004			MO.....		512.	100.
AU.....	CU.....		NA.....	110.	504.	64.
H..... 0.55	F.....	14.	NAK.....			
HA.....	FE+3.....		NI.....	0.03		
HR.....	GE.....					
CA..... 1.5	HCO3.....	35.				
CA+M.....	H3.....	0.0005				
CU.....	H2S.....		PO4.....	0.03		
CL..... 15.						
CO.....	R.....	1.5				

GAS ANALYSIS

DATE/ANALYST..... PERKINS, R. L. USGS

ISOTOPES (C/D2)

ANALYSIS IN VOLUME %

CH4.....			N2.....	76.
C2H2.....			O2.....	12.
CO2..... L 1.4				
H2..... L 0.1				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION..... TEXAS DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00640

GEOTHERM FILE 101 0001572

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE..... FOCKE'S GREENHOUSE WELL NO. 1

WELL/SPRING NUMBER..... 055-05E-26-HCH1

LOCATION

COORDINATES

COUNTRY..... UNITED STATES 055 05E 26 W OF SR 40

LAT/LONG..... 42-57.84 N 110-04.49 W

STATE..... TEXAS MEXICO HOUSE

COUNTY..... DALLAS

GEOLOGIC PROVINCE..... 17

WATER SOURCE..... UTAH VIEW 1124000

OTHER LOCAL INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION..... 1978/06/13

TEMPERATURE (C)..... 41.0

WELL DEPTH (M)..... 905.

ISC (APR)..... 170. L/MIN

WATER ANALYSIS

DATE/ANALYST.....
 P.....
 SPECIFIC CONDUCTANCE..... 529.
 ALKALINITY..... 120. AS CaCO3

TOTAL DISSOLVED SOLIDS... 394.
 CHARGE IMBALANCE IN DIFF. 1... 4.5
 ANALYSIS IN MG/L

ISOTOPES (0.001)

AG....	CO3....	48.	Li... 0.040		
AL....	CH....		Mg... 0.1		
AS.... 0.004	CU....		MO... 5102.	110.	
AU....	F....	15.	NA... 120.		
H.... 0.55	FE+3....		NA+K... 504.	74.	
HA....	FE(TOT)...		NB...		
HE....	HCO3....	48.	N03... 0.35		
CA.... 2.4	Hu....	0.0001	P04... 0.03		
CA+MG...	H2S....				
CD....					
CL.... 15.					
CO....					
	K....	1.7			

THIUM (T.O.)..... 0.0 - UR - 0.2

OTHER ANALYTICAL DATA... THIUM ANALYZED BY T.A. WYERMAN, U.S.G.S. RESTON, VA.

QUALIFICATION FIELD... CALCULATED TOTAL DISSOLVED SOLIDS; NO3 INCLUDES NO2; PU4 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY

COMPIER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... YOUNG AND LEWIS, 1980

RECUND 00641

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0001440

NAME OF SAMPLE SOURCE... COOKES GREENHOUSE WELL NO. 1

WELL/SPRING NUMBER... 055-03E-26-BCH1

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... UAYMFE

MID-REFERENCE... GRAV VIEW 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1972/06/12

TEMPERATURE (C)..... 24.5

WELL DEPTH (M)..... 914

FISCHER..... 2 1060, 07MIN

WATER ANALYSIS

P..... 7.6

SPECIFIC CONDUCTANCE..... 522

ALCALINITY..... 124

TOTAL DISSOLVED SOLIDS... 414

CHARGE IMBALANCE IN DIFF. 1... 3.9

ANALYSIS IN MG/L

AG....	CO3....	38.	Li... 0.040		
AL....	CH....		Mg... 0.1		
AS....	CU....		MO... 5102.	110.	
AU....	F....	30.	NA... 40.		
H....	FE+3....		NA+K... 504.	74.	
HA....	FE(TOT)...		NB...		
HE....	HCO3....	74.	N03... 0.06		
CA.... 1.0	Hu....		P04... 0.02		
CA+MG...	H2S....				
CD....					
CL.... 14.					
CO....					
	K....	1.5			

ISOTOPES (0.001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY

RECORD D4642

GEUTHEM FILE 103 0081267

NAME OF SAMPLE SOURCE... CORPS OF ENGINEERS WELLS
WELL/SPRING NUMBER..... 095-03E-04-BUA 1

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... UNYEE
 GEOLOGIC PROVINCE.. AT
 MAP REFERENCE..... MOLE IS ROCK 1124000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

LAI/LUNG... 42-40.55 N 115-52.6

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTOR.....	1965/05/05 SWANSON
TEMPERATURE (C).....	52.
WELL DEPTH (M).....	762.
VISCOSITY.....	908. L/MIN

PERMIT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.
OTHER SAMPLE INFORMATION.. REFERENCE UNAVAILABLE. RECORD NOT VERIFIED

U.S. GEOLOGICAL SURVEY

P.....	9.5
SPECIFIC CONDUCTANCE.....	402.
ALKALINITY.....	104.
TOTAL DISSOLVED SOLIDS.....	100.
CHARGE IMBALANCE (A DIFF.)....	1.9
ANALYSIS IN MU/L	

ISOLOPES (W/DW)

AG....	CU3.....	37.			
AL....	CH.....		MG....	N	
AM.....	Cl3.....		MO....		SI32. 78
HA.....	F.....	20.	NA....	92.	
HA.....	FE3.....		NA+K.		504.. 27
CA.....	MCO3....	58.	NU3..	0.1	
CL.....					
CO.....					
CU.....	K.....	0.4			

COMPILER BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00643

GEUTHENM FILE 101 0025337

NAME OF SAMPLE SOURCE... COTYEN FARM WELL
WELL/SPRING NUMBER..... 015-024-18-C001

LOC: TPO IDNSHIP-HAYNE
COUNTRY..... UNITED STATES OIS 002W 18 SE OF SE SW
STATE..... IDAHO
COUNTY..... UTAH
LOCALITY.....
ELEVATION.....
MAP REFERENCE..... CALIFORNIA BUTTE 124000

LAISLURU... 43-19-77 N 116-17.16 W

RESCUEE AND CAPTIONS

WELL DEPTH (M)..... 289.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIEGANETA, KIM M.
 COMPILED AFFILIATION... TUAMU DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECUMD 00644

GEUTHEM FILE 101 0081198

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COX AND LAWRENCE WELL
 WELL/SPRING NUMBER..... 055-02E-03-HCU 1
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... IOWA
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... CASTLE BUTTE 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 43-01.17 N 116-15.07 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/05 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 42.5
 WELL DEPTH (M)..... 412.
 DISCHARGE..... 284 L/MIN
 POST-TEST LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.3
 SPECIFIC CONDUCTANCE..... 640
 ALKALINITY..... 308 AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 496
 CHARGE IMBALANCE (4 DIFF.)... 3.6

ANALYSIS IN µM/L

ISOTOPES (0/001)

AG.....	CO3.....	75.	LI.....	0.25		
AL.....	CH.....		MG.....	1.1		
AS..... 0.003	CU.....		MO.....		5102.	110.
AU..... 0.44	FE.....	8.6	NA.....	150.	504.	8.1
BA.....	HC03.....	223.	NO3.....	N		
CA..... 5.2	MG.....	0.0003	P04.....	0.12		
CD.....	H2S.....					
CE..... 20.						
CO.....						
CR.....						
CU.....						
FE.....						
MG.....						
MO.....						
NA.....						
NO3.....						
P04.....						
SI02.....						
SO4.....						
TH.....						
U.....						
V.....						
W.....						
X.....						
Y.....						
Z.....						

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... TUAMU DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1973A

RECUMD 00645

GEUTHEM FILE 101 0025334

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... N. HYDRE WELL #1
 WELL/SPRING NUMBER..... 055-03E-27-HCU1
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IOWA

COORDINATES

LAT/LONG... 42-57.71 N 116-05.2 W

COUNTY..... OAHWE
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... GRAND VIEW 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.
 WELL DEPTH (M)..... 843.

WATER ANALYSIS

pH..... 9.4
 SPECIFIC CONDUCTANCE..... 493.
 ALKALINITY..... 124.
 TOTAL DISSOLVED SOLIDS... 279.
 CHARGE IMBALANCE (A DIFF.)... 10.2

AS CaCO3

ANALYSIS

AG..... CO3..... 39.
 AL..... CU.....
 AS..... 0.004
 H..... 0.03
 HA.....
 CA..... 1.4
 CH.....
 CL..... 17.
 CO.....
 K..... 0.9

LI... N

MG... 0.1

F..... 20.

FE+3.....

MCO3..... 63.

M..... 0.0002

M2S.....

PO4... V

ISOTOPES (02/01)

GAS ANALYSIS

ANALYSIS IN VOLUME %

CH4... 5.5
 C2H6...
 C3H8... L 1.
 N2... L 0.1

N2... 70.

O2... 13.

ISOTOPES (00/01)

REFERENCE AND IDENTIFICATION

COLLECTED BY..... HIDEKANETA, KIM M.
 COLLECTOR AFFILIATION... IOWA DEPT. OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

NECOMU 00646

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... D. HYDE WELL NO. 2
 WELL/SPRINT NUMBER..... 055-03E-35-CCCI

GEOTHERMAL FILE 101 0001582

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... OAHWE
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... GRAND VIEW 1124000

COORDINATES

LAT/LONG... 42-56.4 N 110-04.5 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION..... 1973/05/31
 TEMPERATURE (C)..... 71.5
 WELL DEPTH (M)..... 743.

WATER ANALYSIS

pH..... 9.3
 SPECIFIC CONDUCTANCE..... 351.
 ALKALINITY..... 126.
 TOTAL DISSOLVED SOLIDS... 391.

AS CaCO3

CHARGE IMBALANCE (4 DIFF.1... 15.7
ANALYSIS IN MU/L

ISOTOPES 10/001

AG....	CO3....	49.	LI....	0.06		
AL....	CR....		MG....	N		
AS.... 0.007						
AU....	CU....		MO....		5102.	100.
H.... 0.56	F....	15.	NA....	100.		
HA....	FE43....		NA+K.		504..	72.
CA.... 2.2	HCO3....	54.	NU3..	0.01		
CA+MG.	MG....	0.0027	PU4..	0.09		
CD....	N2S....					
CL.... 16.						
CO....	K....	1.1				

QUALIFICATION FIELD... N03 INCLUDES N02
REPRESENTATIVE AND IDENTIFICATION

COMPILED BY..... LHM, HANUY
COMPILED AFFILIATION... JCS-0030
REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00647

GEOTHERM FILE 101 0025353

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... O. LAYTON WELL
WELL/SPRING NUMBER..... 055-03E-04-0AA

LOCATION... TOWNSHIP-RANGE
COUNTY..... UNITED STATES VSS 003E 34 NE OF NE SE
STATE..... IDAHO
COUNTY..... UATHE
GEOLOGIC PROVINCE... 17
MAP REFERENCE..... GRANDVIEW 1124000

COORDINATES
LAT/LONG... 42-56.81 N 110-04.04 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 64. AT (M)..... 109.
FLU DEPTH (M)..... 774.
DISCHARGE..... 1703. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKAWETA, KIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00648

GEOTHERM FILE 101 0081245

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAVE LANTINEN WELL NO. 2
WELL/SPRING NUMBER..... 079-04E-27-8CC 1

LOCATION... TOWNSHIP-RANGE
COUNTY..... UNITED STATES VTS 004E 27 SW OF SW 40
STATE..... IDAHO
COUNTY..... UATHE
GEOLOGIC PROVINCE... COLUMBIA PLATEAU
MAP REFERENCE..... LITTLE VALLEY 1124000

COORDINATES
LAT/LONG... 42-47.16 N 115-58.35 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION..... 1973/07/10 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 27.
FLU DEPTH (M)..... 424.
DISCHARGE..... 5270. L/MIN

PENTJ-ENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

DATE ANALYSIS

DATE ANALYST.....

U.S. GEOLOGICAL SURVEY

P..... 0.0

SPECTRIC CONDUCTANCE..... 242.

ALKALINITY..... 89.

AS CAC03

TOTAL DISSOLVED SOLIDS..... 250.

CHARGE IMBALANCE (A DIFF.)..... 0.2

ANALYSIS IN MG/L

ISOTOPE (O/UO1)

AG.....	CO3.....	N.....	LI.....	0.01		
AL.....	CH.....		MG.....	1.3		
AS..... 0.015						
AU.....	CU.....		MO.....		5102.	70.
H..... 0.11	F.....	6.6	NA.....	46.		
HA.....	FE+3.....		NA+K.....		504.	20.
CA..... 10.	HCO3.....	109.	NO3.....	1.9		
CA+10.....	MG.....	0.0029				
CO.....	M25.....		PO4.....	0.10		
CL..... 14.						
CO.....	R.....	7.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00649

GEOGRAPHIC SAMPLE FILE

NAME OF SAMPLE SOURCE..... DAVE LATHVEN WELL NO. 1

GEOGRAPHIC FILE 101 0001240

WELL/SPRING NUMBER..... 075-ONE-13-UCD 1

LOCATION

COUNTRY..... UNITED STATES

LOCALITY NAME

COORDINATES

STATE..... IDAHO

MEDIUM HOUSE

LAT/LONG..... 42-48.49 N 115-55.10 W

COUNTY..... Owyhee

GEOLOGIC PROVINCE..... 17

MAP REFERENCE..... LITTLE VALLEY 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COMMENTS

DATE/COLLECTOR..... 1973/05/30 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 40.0

WELL DEPTH (M)..... 705.

ISOLATE..... 4760 L/MIN

PENTJ-ENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

DATE ANALYSIS

DATE ANALYST.....

U.S. GEOLOGICAL SURVEY

P..... 8.7

SPECTRIC CONDUCTANCE..... 201.

ALKALINITY..... 89.

AS CAC03

TOTAL DISSOLVED SOLIDS..... 257.

CHARGE IMBALANCE (A DIFF.)..... 1.1

ANALYSIS IN MG/L

ISOTOPE (O/UO1)

AG.....	CO3.....	11.	LI.....	0.01		
AL.....	CH.....		MG.....	0.1		
AS..... 0.014						
AU.....	CU.....		MO.....		5102.	97.
H..... 0.09	F.....	11.	NA.....	53.		

HA.... FE+3.... NA+K... 504.. 19.
 CA.... 8.7.. HCO3.... 80.. NO3.. 0.25
 CA+MG.. MG..... 0.0004 PO4.. 0.00
 CO.... H2S.....
 CL.... 9.0
 CO.... K..... 7.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00650

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0081248

NAME OF SAMPLE SOURCE... DAVIS BROTHERS WELL #1

WELL/SPRING NUMBER..... 075-USE-07-AHB 1

LOCATION

IDANSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 075 005E 07 N OF NW 1E

LAT/LONG... 42-50.17 N 115-54.20 W

STATE..... IDAHO

MERIDIAN BUYS

COUNTY..... UTAH

GEOLOGIC PROVINCE... 17

MAP REFERENCE... LITTLE VALLEY 132400

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/06 YOUNG, BILL

TEMPERATURE (C)..... 39.

WELL DEPTH (M)..... 495.

ISOTHERM..... 13240. LYMIN

PARENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... M.S.

SPECTIFIC CONDUCTANCE..... 219.

ALKALINITY..... 19. AS CaCO3

TOTAL DISSOLVED SOLIDS... 2.6.

CHARGE IMBALANCE IN DIFF. 4.6

ANALYSIS IN MUGL

AN..... CO3.... 11... 0.01 58... 19.5

AN..... CH..... 40... 0.2 50... 17.0

AN..... AS..... 40... 512. 91.

AN..... H..... 9.7 51. 17.

AN..... FE+3.... NA+K... 504.. 17.

AN..... HCO3.... NO3.. 0.25

AN..... MG..... PO4.. 0.00

AN..... H2S..... PUA.. 0.12

AN..... K.....

AN.....

AN.....

AN.....

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AN.....

RECORD 00651

GEOCHEM FILE 101 0081249

GEOCHEM. SAMPLE FILE

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975A; NIGHTMIRE AND OTHERS, 1976 (ISOTOPE DATA)

NAME OF SAMPLE SOURCE... DAVIS BROTHERS WELL #2
 WELL/SPRING NUMBER..... 075-05E-08-CCC 1
 LOCATION:
 COUNTRY..... UNITED STATES 075 005E 08 SW OF SW SW
 STATE..... IDAHO MERID: BUISE
 COUNTY..... Owyhee
 GEOLOGIC PROVINCE... 47
 MAP REFERENCE..... LITTLE VALLEY 1:24000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 42-49.4 N 115-53.02 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/21 YOUNG, BILL
 TEMPERATURE (C)..... 40
 WELL DEPTH (M)..... 457
 DISCHARGE..... 1860 L/MIN
 PERMEANT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 pH..... 8.7
 SPECIFIC CONDUCTANCE..... 291
 ALKALINITY..... 85 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 259

CHARGE IMBALANCE IN DIFF. 1... 2.2

ANALYSIS IN MG/L

AG....	CO3....	11.	LI....		
AL....	CU....		MG....	0.1	
AS.... 0.01					
AU....	CU....		MO....	5102.	90.
BA.... 0.11	F....	11.	NA....	55.	
BR....	FE....		NA+K.	504..	19.
CA.... 5.7	HC03....	81.	NO3..	0.25	
CA+G.	MG....	0.0001			
CD....	M2S....		PO4..	0.03	
CL.... 1.3					
CO....					
K....		6.9			

ISOTOPES (P/100)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00652

GEOTHERM FILE ID: 0001445

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAVIS BROTHERS WELL NO. 1
 WELL/SPRING NUMBER..... 075-05E-07-AHH1
 LOCATION:
 COUNTRY..... UNITED STATES 075 005E 07 NW OF NW NE
 STATE..... IDAHO MERID: BUISE
 COUNTY..... Owyhee
 MAP REFERENCE..... LITTLE VALLEY 1:24000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 42-50.17 N 115-54.20 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/16
 TEMPERATURE (C)..... 74
 WELL DEPTH (M)..... 494

WATER ANALYSIS

DATE/ANALYST..... M.J.

SPECIFIC CONDUCTANCE..... 278.
 ALKALINITY..... 80.
 TOTAL DISSOLVED SOLIDS... 230.
 CHARGE IMBALANCE IN DIFF. 1.6
 ANALYSIS IN MG/L

AS CaCO3

ISOTOPES (u/mu)

AG....	CO3.....	1.	MG....	0.1		
AL....	CA.....		MO....		5102.	81.
AU....	CU.....		NA....	50.		
H....	F.....	9.7	NAK...		504..	10.
HA....	FE+3....		NO3...	0.33		
CA....	MCO3....	96.	P04...	0.04		
CO....	M2S....					
CL....						
CO....	K.....	7.2				

REFERENCE AND IDENTIFICATION

COMPILED BY..... 11EB. NAVOY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECNO 00653

GEOTHEM SAMPLE FILE

GEOTHEM FILE NO: 0001573

NAME OF SAMPLE SOURCE... DAVIS HOTHENS WELL NO. 1

WELL/SPRING NUMBER... 075-05E-07-ADH1

LOCATION

LOANSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 075 005E 07 N 07 W 07 E

STATE..... IDAHO MENIUS BUTSE

COUNTY..... Owyhee

GEOLOGIC PROVINCE... 17

MAP REFERENCE... LITTLE VALLEY 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1978/06/13

TEMPERATURE (C)..... 79.5

ELL DEPTH (M)..... 425

DISCHARGE..... 11663. L/MIN

WATER ANALYSIS

PH..... 8.7

SPECIFIC CONDUCTANCE..... 277.

ALKALINITY..... 80.

TOTAL DISSOLVED SOLIDS... 227.

CHARGE IMBALANCE IN DIFF. 2.2

ANALYSIS IN MG/L

AS CaCO3

ISOTOPES (u/mu)

AG....	CO3.....	7.	LI...	0.009		
AL....	CH.....		MO....	0.1		
AS....			MU....		5102.	77.
CA....	CU.....		NA....	52.		
HA....	F.....	9.4	NAK...		504..	10.
CA....	FE+3....		NO3...		SR...	
CO....	FE(TOTI)...		NU3...	1.5		
CL....	MCO3....	83.				
CO....	M2S....		P04...	0.03		
CL....						
CO....	K.....	7.2				

THIUM (T.O.)..... 0.9 + DR - 0.8

OTHER ANALYTICAL DATA... THIUM ANALYZED BY T.A. NYEMMAN, U.S.G.S. RESTON, VA.

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS: NO3 INCLUDES NO2: PO4 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LIEB, RANUO
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND LEWIS, 1980

RECUND 00654

GEOTHERM FILE 101 0025372

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DELBERT WRIGHT WELL

WELL/SPRING NUMBER..... 075-004E-25-CC

LOCATION

COUNTRY..... UNITED STATES 075 004E 25 SW OF SW

STATE..... IDAHO

COUNTY..... UMYHRE

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... LITTLE VALLEY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.

WELL DEPTH (M)..... 310.

DISCHARGE..... 6813. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEGAVETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECUND 00655

GEOTHERM FILE 101 0001584

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DELBERT WRIGHT WELL

WELL/SPRING NUMBER..... 075-004E-05-CCAB

LOCATION

COUNTRY..... UNITED STATES 075 004E 05 NE OF SW SW

STATE..... IDAHO

COUNTY..... UMYHRE

MAP REFERENCE..... CHALK HILLS 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/06/27

TEMPERATURE (C)..... 30.

WELL DEPTH (M)..... 317.

DISCHARGE..... 6970. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 157

ALKALINITY..... 497

TOTAL DISSOLVED SOLIDS... 126. AS CaCO3

CHARGE BALANCE (+ DIFF.)... 431

ANALYSIS IN mg/L

Al.....	0.33	Si.....	0.00
Ar.....	0.00	Ca.....	1.0
AS.....	0.000	CO.....	40.00
AT.....	0.00	Fe.....	2.0
H.....	0.02	Na.....	50.0
MA.....	0.00	NO3.....	0.01
PO.....	0.00	SO4.....	130.0

ISOTOPE 10/001

CA+MG. MG..... 4
 CO.... H2S..... P04.. 0.09
 CL.... 8.7
 CO.... 15
 QUALIFICATION FIELD..... NO3 INCLUDES NO2
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LIEB, RANDY
 COMPILER AFFILIATION... U.S. U.S.
 REFERENCE..... YOUNG AND WHITEHEAD 1975A

RECORD 00656

GEOTHERM FILE 101 0001217

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DICK HAND WELL
 WELL SPRING NUMBER..... 065-USE-35-COA 1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... OWASCO
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... LITTLE VALLEY 1324000

COORDINATES

LAT/LONG... 42-51.28 N 115-56.05 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COMMENTS

DATE/COLLECTOR..... 1973/06/26 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 72.5

PLI DEPTH (M)..... 291

PERCENT LITHOLOGY..... PLIOCENE PLISTOCENE SEDIMENTS

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.5

SPECIFIC CONDUCTANCE..... 213

ALKALINITY..... 74 AS CaCO3

TOTAL DISSOLVED SOLIDS..... 245

CHANGE IN BALANCE (A DIFF)..... 9.2

ANALYSIS IN MG/L

AG..... CO3..... N L10.6 0.02

AL..... CL..... N H0.0 0.1

AS..... 0.026

BA..... CU..... N H0.0 512. 90.

BB..... F..... N H0.0 47. 504. 24.

BC..... FE..... N H0.0 504. 24.

BD..... HCO3..... N H0.0 504. 24.

BE..... H2S..... N H0.0 0.12

BF..... H2S..... N H0.0 0.12

BG..... H2S..... N H0.0 0.12

BH..... H2S..... N H0.0 0.12

BI..... H2S..... N H0.0 0.12

BJ..... H2S..... N H0.0 0.12

BK..... H2S..... N H0.0 0.12

BL..... H2S..... N H0.0 0.12

BM..... H2S..... N H0.0 0.12

BN..... H2S..... N H0.0 0.12

BO..... H2S..... N H0.0 0.12

BP..... H2S..... N H0.0 0.12

BQ..... H2S..... N H0.0 0.12

BR..... H2S..... N H0.0 0.12

BS..... H2S..... N H0.0 0.12

BT..... H2S..... N H0.0 0.12

BU..... H2S..... N H0.0 0.12

BV..... H2S..... N H0.0 0.12

BW..... H2S..... N H0.0 0.12

RECORD 00657

GEOTHERM FILE 101 0029336

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DUN DAVIS WELL

WELL SPRING NUMBER..... 065-USE-74-PUCC

WBS 005E 24 SW OF SW SE

COOKOUTS

LAT/LONG... 42-45.00 N 115-53.00 W

TEMPERATURE (C).....	33.	
WELL DEPTH (M).....	475.	
DISCHARGE.....	11.	L/MIN

COMPILED BY.....	WIDEGAVETA, RIM M.
COMPILED AFFILIATION..	IOANO DEPT. OF WATER RESOURCES
REFERENCE.....	MITCHELL AND OTHERS, 1940

RECORD 00658

NAME OF SAMPLE SOURCE... DUN DAVIS WELL #1
WELL/SPRING NUMBER..... 065-426-29-DCC 1

GEUTHENM FILE 101 0001223

46S 005E 29 S# OF S# SE

COOKUAILS

LAI/LU... 42-52.00 N 115-53.00 W

DATE/COLLECTION..... 1473/07/05 YOUNG AND WHITEHEAD
TEMP (ATIME (C)..... 32.5
FLC DEPTH (M)..... 475
DISCHARGE..... 17. L/MIN

DATE ANALYST..... U.S. GEOLOGICAL SURVEY

P	8.8	
SPECIFIC CONDUCTANCE	435	
ALCALITY	103	AS LACOS
TOTAL DISSOLVED SOLIDS	354	
CHARGE BALANCE TO DIFF	0.5	

AS.....	COJ.....	4.0	LI.....	0.07
AC.....	CR.....		MO.....	0.3
AG..... 0.001				
AM.....	CU.....		MU.....	
AN..... 0.3	FA.....	10	NA.....	0.7
AO.....	FE.....		NA.....	
CA..... 7.3	HCJ.....	117	NO.....	0.03
CA.....	HO.....			
CH.....	HT.....		PU.....	0.12
CI..... 150				
CO.....	AA.....	0.3		

EMPLOYED BY..... DENNIS GEORGE U.
EMPLOYER AFFILIATION..... JOHNS DEPARTMENT OF WATER RESOURCES
ALLEN AFFILIATION..... VINING AND WHITEHEAD 1975R

SECRET

RECORD 00659

GEOTHERM FILE 101 0001443

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DUN DAVIS WELL NO. 1

WELL/SPRING NUMBER..... 065-05E-29-UCC1

LOCATION

COUNTRY..... UNITED STATES 065 005E 29 S of SE SE

STATE..... IDAHO

COUNTY..... DAYME

MAP REFERENCE..... LITTLE VALLEY 1324000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/14

TEMPERATURE (C)..... 74

WELL DEPTH (M)..... 475

DISCHARGE..... 11 L/MIN

WATER ANALYSIS

PH..... 8.0

SPECIFIC CONDUCTANCE..... 439

ALKALINITY..... 115

TOTAL DISSOLVED SOLIDS..... 301

CHANGE IN BALANCE TO DIFF. 1000 3.6

ANALYSIS IN MG/L

AG.....	CO3.....	N.....	NO.....	512.	100.
AL.....	CH.....	NO.....	NO.....	512.	100.
AR.....	CU.....	NO.....	NO.....	512.	100.
4.....	F.....	15.	NA.....	92.	50.
HA.....	FE.....	14.	NO3.....	0.63	50.
CA.....	HCO3.....	14.	PO4.....	0.07	50.
CD.....	HPS.....				
CL.....					
CO.....					

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEO. HANOV

COMPILED AFFILIATION..... H.S.G.S.

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00660

GEOTHERM FILE 101 0001192

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... F. LAWRENCE WELL

WELL/SPRING NUMBER..... 055-01E-10-UCC1

LOCATION

COUNTRY..... UNITED STATES 055 001E 10 SE of SE NW

STATE..... IDAHO

COUNTY..... DAYME

MAP REFERENCE..... CASTLE MOTT 1324000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/05 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 66

WELL DEPTH (M)..... 902

DISCHARGE..... 469 L/MIN

PLANT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P.....
 SPECIFIC CONDUCTANCE.....
 ALKALINITY.....
 TOTAL DISSOLVED SOLIDS.....
 CHARGE IMBALANCE (± DIFF.).....

9.3
 514.
 133.
 336.
 4.7

AS CAC03

ANALYSIS IN MG/L

AG..... CO3..... 49.
 AL..... CR.....
 AS..... 0.446
 AU..... CU.....
 H..... 0.16 F..... 15.
 HA..... FE..... 63.
 CA..... 2.2 HCO3.....
 CA..... M..... 0.0003
 CO..... H2S.....
 CL..... 13. K..... 0.7
 CO.....

LI..... 0.01
 MG..... N
 MU.....
 NA..... 100. 5132. 83.
 NA..... 504. 42.
 NU3..... N
 PU4..... 0.03

ISOLOPES (02041)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.
 COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00661

GEOTHERM FILE 101 0001195

GEOTHERM SAMPLE TITLE

NAME OF SAMPLER SOURCE... F. LAWRENCE WELL NO. 2
 WELL/SPRING NUMBER..... 055-01E-24-ACD 1
 LOCATION.....
 COUNTY..... UNITED STATES USS 001E 24 SE OF 50 VE
 STATE..... IDAHO MENIUS MOISE
 COUNTY..... JAYNEE
 GEOLOGIC PROVINCE..... 17

COORDINATES

LAT/LONG... 42-58.6 N 116-16.79 W

DATE/REFERENCE..... MOUNTAIN VE 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/09 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 44.5
 ELI DEPTH (M)..... 754.
 TSP. RATE..... 7650. L/MIN

PARENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P.....
 SPECIFIC CONDUCTANCE.....
 ALKALINITY.....
 TOTAL DISSOLVED SOLIDS.....
 CHARGE IMBALANCE (± DIFF.).....
 ANALYSIS IN MG/L

AG..... CO3..... 39.
 AL..... CR.....
 AS..... 0.024
 AU..... CU.....
 H..... 0.15 F..... 14.
 HA..... FE..... 42.
 CA..... 1.1 HCO3..... 42.

LI..... 0.02
 MG..... N
 MU.....
 NA..... 100. 5132. 84.
 NA..... 504. 41.
 NU3..... 0.18

ISOLOPES (02041)

CA+MG..... MG..... 0.0003
 CU..... H2S..... PU4..... 0.03
 CL..... 140
 CO..... 1.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.
 COMPILER AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1973A

RECUMD 00662

GEOTHERM FILE 101 0001194

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... E. LAWRENCE WELL NO. 3

WELL/SPRING NUMBER..... 055-01E-24-ADM1

LOCATION

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 42-50.7 N 116-17.0 W

COUNTRY..... UNITED STATES USS 001E 20 W OF SW SE

STATE..... IDAHO MENIDJ HOUSE

COUNTY..... OATHEE

GEOLOGIC PROVINCE... COLUMBIA PLATEAU

MAP REFERENCE..... MOUNTAIN NE 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/07/24 YOUNG AND MITCHELL

TEMPERATURE (C)..... 44

WELL DEPTH (M)..... 951

DISCHARGE..... 4701

PERCENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.9

SPECIFIC CONDUCTANCE..... 459

ALKALINITY..... 13M AS CaCO3

TOTAL DISSOLVED SOLIDS..... 339

CHARGE IMBALANCE IN DIFF..... 7.8

ANALYSIS IN MG/L

Fe..... CO3..... 31

Al..... CH.....

Au..... CU.....

Ag..... F..... 14

HA..... FE+3.....

CA..... 1.2 MCU3..... 105

CD..... H2S.....

Cl..... 13

CO..... 0.8

ISOTOPES (OZ/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.

COMPILER AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973

RECUMD 00663

GEOTHERM FILE 101 0001183

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... EARL FONTE WELL

WELL/SPRING NUMBER..... 015-02H-07-CGH 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 43-20.78 N 116-37.07 W

COUNTRY..... UNITED STATES USS 002H 07 NW OF SW SW

STATE..... IDAHO
 COUNTY..... UMYHFE
 GEOLOGIC PROVINCE... COLUMBIA PLATEAU
 MAP REFERENCE..... WILSON PEAK 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1972/06/05
 TEMPERATURE (C)..... 45.5
 WELL DEPTH (M)..... 51M
 DISCHARGE..... 440 L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY BASALT AND QUATERNARY - TERTIARY SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... 0.7
 SPECIFIC CONDUCTANCE..... 345
 ALKALINITY..... 173 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 334
 CHARGE IMBALANCE (% DIFF).... 3.1
 ANALYSIS IN %/L

ISOTOPES 10/041

AG.....	CO3.....	12.	MO.....	N		
AL.....	CU.....		MO.....		5132.	32.
AN.....	CU.....		NA.....	126.		
.....	F.....	11.	NA.....		50.....	45.
HA.....	FE.....		NA.....			
CA.....	1.4	187.	NO3.....	0.04		
CO.....	1.4		PO4.....	0.01		
CL.....	1.4					
CO.....	1.2					

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECUMU 00664

GEOTHEM FILE 101 0001568

GEOTHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... FAHL FUOTE WELL
 WELL/SPRING NUMBER..... 015-024-07-CC01
 LOCATION..... LUNYSHIRE-RANGE
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... UMYHFE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... WILSON PEAK 1124000
 OTHER LOCALITY INFORMATION... WILSON PEAK 1124000

COORDINATES

LAT/LONG... 43-20.78 N 116-37.07 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/06/13
 TEMPERATURE (C)..... 45.0
 WELL DEPTH (M)..... 51M
 DISCHARGE..... 440 L/MIN

WATER ANALYSIS

P..... 4.2
 SPECIFIC CONDUCTANCE..... 345
 ALKALINITY..... 160 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 357
 CHARGE IMBALANCE (% DIFF).... 4.9
 ANALYSIS IN %/L

ISOTOPES 10/041

AR....	CO3....	30.	LI...	0.010		
AL....	CR.....		MG...	0.1		
AS....	0.002					
AM....	CU.....		MO...		5102.	61.
AN....	0.25	12.	NA...	130.		
AA....	FE+3....		NA+R.		504..	43.
CA....	1.4	140.	NO3..	0.13		
CA+G.	MCU3....					
CD....	0.0001		PO4..	0.03		
CL....	22.					
CO....	1.2					

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS NO3 INCLUDES NO20 P04 WAS CALCULATED FROM TOTAL P
REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEN, WANDY
COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
REFERENCE..... YOUNG AND LEWIS, 1940

RECORD 00665

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0025354

NAME OF SAMPLE SOURCE... ELUON MARSH WELL

WELL/SPRING NUMBER..... 01N-032-21-08A11

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES UIN 003W 21 NE OF 40 40

LAT/LONG... 43-24.86 N 110-42.95 W

STATE..... IDAHO

COUNTY..... Owyhee

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... GIVENS HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00666

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0081193

NAME OF SAMPLE SOURCE... FLINCH JOHNSTON WELL

WELL/SPRING NUMBER..... 055-01E-21-CHC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES USS 001E 21 SW OF 40 SW

LAT/LONG... 42-58.5 N 110-21.04 W

STATE..... IDAHO

COUNTY..... Owyhee

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... ROUGH MOUNTAIN NE 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/06/JA YOUNG & WHITEHEAD

TEMPERATURE (C)..... 45

LIT. DEPTH (M)..... 201

LITHOLOGY..... 13MU. L/MIN

REMARKS LITHOLOGY..... PLIOCENE BASALTS

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

SPECTIFIC CONDUCTANCE..... 400.
ALKALINITY..... 130.
TOTAL DISSOLVED SOLIDS..... 317.
CHANGE IN BALANCE (X DIFF.)... 4.3
ANALYSIS IN MU/L

AS CAC03

ISOTOPES (D/04)

AG.....	CO3.....	50.	LI.....	0.01	
AL.....	CH.....		MG.....	N	
AS..... 0.044					
AU.....	CU.....		MO.....	5102.	77.
A..... 0.10	F.....	15.	NA.....	100.	
HA.....	FE.....		NAK.....	504.	42.
CA..... 1.3	HCO3.....	57.	NO3.....	0.05	
CA+G.	MG.....	0.0003	PO4.....	0.06	
CD.....	HPS.....				
CL..... 13.					
CO.....	K.....	0.7			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILE AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECNO 00667

GEOGRAPHIC SAMPLE FILE

GEOGRAPHIC FILE 103 0041230

NAME OF SAMPLE SOURCE... FAHIA BROTHENS

WELL/SPRING NUMBER..... 075-04E-12-HDD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 075 04E 12 SE OF SE 40

LAT/LONG... 42-49.84 N 115-55.55 W

STATE..... IOWA

MEMPHIS MOISE

COUNTY..... JOYHKE

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... LITTLE VALLEY 112400W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND LOCATIONS

DATE/COLLECTOR..... 1973/05/21 YOUNG, BILL

TEMPERATURE (C)..... 43.

WELL DEPTH (M)..... 117.

PERMEANT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

ANALYST..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 293.

ALKALINITY..... 80.

TOTAL DISSOLVED SOLIDS... 243.

CHANGE IN BALANCE (X DIFF.)... 3.0

ANALYSIS IN MU/L

ISOTOPES (D/04)

AG.....	CO3.....	N	LI.....	N	
AL.....	CH.....		MG.....	0.1	
AS..... 0.013					
AU.....	CU.....		MO.....	5102.	70.
A..... 0.1	F.....	15.	NA.....	91.	
HA.....	FE.....		NAK.....	504.	17.
CA..... 1.0	HCO3.....	97.	NO3.....	0.29	
CA+G.	MG.....	0.0011	PO4.....	0.06	
CD.....	HPS.....				
CL..... 1.4					

CO..... 7.0
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00668

GEOTHERM FILE 101 0025343

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... FENNING WELL
 WELL/SPRING NUMBER..... PIN-03A-07-AAC1
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... OATHEE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... GIVENS HOT SPRINGS 1324000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 41
 REFERENCE AND IDENTIFICATION

COORDINATES

LAT/LONG... 43-26.56 N 116-44.06 W

COMPILED BY..... ALLEGANETAY, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00669

GEOTHERM FILE 101 0081241

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... FRANK MILLET WELL #2
 WELL/SPRING NUMBER..... 075-04E-14-ABC 1
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... OATHEE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... LITTLE VALLEY 1324000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE OF COLLECTION..... 1973/06/12 YOUNG, BILL
 TEMPERATURE (C)..... 39
 WELL DEPTH (M)..... 349
 DISCHARGE..... 4290 L/MIN
 PLUTIC LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

COORDINATES

LAT/LONG... 42-49.15 N 115-56.00 W

ANALYST..... U.S. GEOLOGICAL SURVEY
 SPECIFIC CONDUCTANCE..... 215
 ALKALINITY..... 85
 TOTAL DISSOLVED SOLIDS..... 245
 CHANGE IN BALANCE TO DIFF. 3.8
 ANALYSIS IN MUGL

ISOTOPES 10/001

CO ₂ M	LI..... 0.01
CH.....	MO..... 0.1
AS..... 0.012	
CI.....	MO..... 512. 90.
FA..... 0.01	NA..... 45.
FA.....	NA..... 504. 10.

CA.... 7.2 MC03.... 104. N03.. 1.2
 CA G. Mb..... 0.0001 H04.. 0.12
 CO.... H2S.....
 CL.... 8.4 R..... 7.8
 CO....

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECUMD 00670

GEOTHERM FILE 101 0081237

GEOTHERM SAMPLE TITLE

NAME OF SAMPLE SOURCE... FRANK MILLETT WELL #1
 WELL/SPRING NUMBER..... 075-042-11-COC.1
 LOCATION.....
 COUNTY..... UNITED STATES 075 004E 11 S OF W 50
 STATE..... IDAHO MENIDJ HOUSE
 COUNTY..... DAYMEE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... LITTLE VALLEY 1:24000

COORDINATES

LAT/LONG... 42-49.57 N 115-57.20 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/06/12 YOUNG
 TEMPERATURE (C)..... 36.
 WELL DEPTH (M)..... 457.
 DISCHARGE..... 7400 L/MIN

PARENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.3
 SPECIFIC CONDUCTANCE..... 312.
 ALKALINITY..... 93. AS CAC03
 TOTAL DISSOLVED SOLIDS... 278.
 CHARGE IMBALANCE (A DIFF.)... 5.3

ANALYSIS IN MG/L

AN..... CO3.... 4 L1... 0.02
 AL..... CR..... MU... 0.3
 AS..... 6.02
 AM... CU..... NO... 512. 49.
 H... P..... 0.2 VA... 45.
 HA... FE3... 113. H03... 1.3
 CA... 16. MC03... 0.0002 MU3... 0.09
 CO... H04... H2S... 9.0
 CL... 4.3
 CO... 9.0

SLOPES 10/DRI

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECUMD 00671

GEOTHERM FILE 101 0025100

GEOTHERM SAMPLE TITLE

NAME OF SAMPLE SOURCE... HANY LANSKY WELL

WELL/SPRING NUMBER..... 055-0JE-14-C88
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... Owyhee
 GEOLOGIC PROVINCE... 17
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 59
 WELL DEPTH (M)..... 701
 DISCHARGE..... 378 L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEWAYETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... DOSS, 1971

COORDINATES
 LAT/LONG... 42-59.36 N 116-04.57 W

RECORD 00672

GEOTHERM FILE 101 0001255

WEATHER SAMPLE FILE

NAME OF SAMPLE SOURCE... GENE FINDALL WELL
 WELL/SPRING NUMBER..... 075-0JE-28-ACD 1
 LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... Owyhee
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... SUGAR VALLEY 1124000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

COORDINATES
 LAT/LONG... 42-47.2 N 115-51.08 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/05/26 YOUNG, BILL
 TEMPERATURE (C)..... 74
 WELL DEPTH (M)..... 106
 DISCHARGE..... 4250 L/MIN
 DOMINANT LITHOLOGY..... PLIOCENE BASALT

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 ANALYST..... 0.6
 SPECIFIC CONDUCTANCE..... 297
 ALKALINITY..... 80
 TOTAL DISSOLVED SOLIDS..... 257
 CHARGE BALANCE IN DIFF. 1... 0.3
 ANALYSIS IN MG/L

ISOLOPES 10/001

AN...	CO3..... 4	LI...	
AN...	CH.....	MG...	0.3
AN...	CU.....	NO...	5120
AN...	FE...	NA...	52
AN...	FE3...	VA...	504
AN...	HCO3...	NO3...	0.23
AN...	NO...	PO4...	0.03
AN...	H2S...		
AN...	CL...		
AN...	SO4...		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00673

GEOTHERM FILE 103 DD81221

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GEORGE HUTCHISON WELL

WELL/SPRING NUMBER... 065-05E-24-HCA 1

LOCATION

COUNTRY... UNITED STATES

STATE... IDAHO

COUNTY... Owyhee

GEOLOGIC PROVINCE... A7

MAP REFERENCE... GRUNFAU 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1973/06/25 YOUNG AND WHITEHEAD

TEMPERATURE (C)... 73.5

WELL DEPTH (M)... 734

DISCHARGE... 17 L/MIN

PERMIT/LITHOLOGY... PLIOCENE BASALT

ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

PH... 9.1

SPECTRIC CONDUCTANCE... 509

ALKALINITY... 157

TOTAL DISSOLVED SOLIDS... 180

CHARGE IMBALANCE (A DIFF)... 0.1

ANALYSIS IN MG/L

AG... 0.006

AL... 0.006

AS... 0.006

AT... 0.006

BA... 0.006

CA... 3.6

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

CZ... 1.0

CA... 1.0

CB... 1.0

CC... 1.0

CD... 1.0

CE... 1.0

CF... 1.0

CG... 1.0

CH... 1.0

CI... 1.0

CJ... 1.0

CK... 1.0

CL... 1.0

CM... 1.0

CN... 1.0

CO... 1.0

CP... 1.0

CQ... 1.0

CR... 1.0

CS... 1.0

CT... 1.0

CU... 1.0

CV... 1.0

CW... 1.0

CX... 1.0

CY... 1.0

DISCHARGE..... 340. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... AIDEANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00675

GEOTHERM FILE 101 0001570

GEOTHERM SAMPLE-LELE

NAME OF SAMPLE SOURCE... GEORGE KING WELL
 WELL/SPRING NUMBER..... 045-01E-34-BA01

LOCATIONS

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... Owyhee
 GEOLOGIC PROVINCE... AT

TOWNSHIP-RANGE

04S 001E 34 SE OF NE 40
 MERID: BOISE

COORDINATES

LAT/LONG... 43-02.22 N 116-19.47 W

MAP REFERENCE..... CASTLE BUTTE 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/06/13
 TEMPERATURE (C)..... 76.5
 ELEVATION (M)..... 900

DISCHARGE..... 1330. L/MIN

WATER ANALYSIS

pH..... 9.2
 SPECIFIC CONDUCTANCE..... 430
 ALKALINITY..... 130 AS (ACU3)
 TOTAL DISSOLVED SOLIDS... 325
 CHARGE IMBALANCE (A DIFF.)... 0.2

ANALYSIS IN MU/L

AG.....	CO3.....	38	LI.....	0.010
AL.....	CH.....		MO.....	0.01
AS..... 0.030			NA.....	110
BA.....	CU.....		NO.....	0.10
BR..... 0.45	FE.....	13	PO.....	0.03
CA.....	FE(TOT).....			
CD.....	HCO3.....	70		
CE..... 1.1	MO.....	0.0001		
CF.....	N2S.....			
CI..... 16				
CO.....				

ISOTOPIES 10/001

INITIUM (T.O.)..... 1.4 - JR -0.6

OTHER ANALYTICAL DATA... INITIUM ANALYZED BY T.A. NYENHANS, U.S.G.S. RESTON, VA
 CALCULATED TOTAL DISSOLVED SOLIDS: NO29 PU4 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... TIEH, HANNU
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... YUNN AND LEWIS, 1980

RECORD 00676

GEOTHERM FILE 101 0001580

GEOTHERM SAMPLE-LELE

NAME OF SAMPLE SOURCE... GEORGE KING WELL
 WELL/SPRING NUMBER..... 045-01E-34-BA01

LOCATIONS

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... Owyhee
 GEOLOGIC PROVINCE... AT

TOWNSHIP-RANGE

04S 001E 34 SE OF NE 40

COORDINATES

LAT/LONG... 43-02.22 N 116-19.47 W

STATE..... IDAMN
 COUNTY..... OUYHFE
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... CASTLE HITE 1124000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND COMMENTS
 DATE/COLLECTOR..... 1973/07/09
 TEMPERATURE (C)..... 75.5
 ELL DEPTH (M)..... 992.

WATER ANALYSIS

P..... 9.2
 SPECTRIC CONDUCTANCE..... 453.
 ALKALINITY..... 136.
 TOTAL DISSOLVED SOLIDS... 339.
 CHANGE IMBALANCE 14 DIFF.1... 5.0
 ANALYSIS IN MG/L

AS CAC03

AG.....		CO3.....	46.	LI...	0.01	SB...	
AL.....		CO.....		MG...	N	SC...	
AS.....	0.029						
AIJ.....		CIJ.....		MO...		SI02.	91.
H.....	0.13	F.....	13.	NA...	99.	SO4...	40.
HA.....		FE+3...		NA+K...			
CA.....	1.0	MCJ3...	72.	NU3...	N		
CA+M...		MG.....	N	PU4...	N		
CO.....		M25.....					
CL.....	13.						
CO.....		K.....	0.8				

ESLOPES 10/011

DEL D OF WATER..... -145.
 DEL O(10) OF WATER... -17.5

GAS ANALYSIS

DATE/ANALYST..... PERING, K. L. USGS
 ANALYSIS IN VOLUME %
 CH4... N
 C2H2...
 CO2... L 1.0
 H2... L 0.01

ESLOPES 10/0201

N2... 72.
 O2... 17.

QUALIFICATION FIELD..... NOT INCLUDES #2

REFERENCE AND IDENTIFICATION

COMPILED BY..... ITER, MAYOT
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A; NIGHTHIRE AND OTHERS, 1976 (ISOTOPE DATA)

RECORD 00677

GEOTHERM FILE 101 0001250

OTHERS SAMPLE FILE

SOURCE..... GEORGE TURNER WELL

WELL/SPRING NUMBER..... 075-06E-07AAC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 075 006E 07 SW OF NE NE

LAT/LONG... 42-50.1 N 115-40.88 W

STATE..... IDAMN MEHUI BOISE

COUNTY..... OUYHFE

GEOLOGIC PROVINCE.. COLUMBIA PLATEAU

MAP REFERENCE..... SUGAR VALLEY 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COMMENTS

DATE/COLLECTOR..... 1973/07/19 WHITEHEAD, N.

TEMPERATURE (C)..... 74.

ELL DEPTH (M)..... 131.

PERCENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P1.....
 SPECIFIC CONDUCTANCE.....
 ALKALINITY.....
 TOTAL DISSOLVED SOLIDS.....
 CHANGE IMBALANCE (8 DIFF.).....
 ANALYSIS IN MG/L

AS CaCO3

ISOLOPES (0/001)

AG.....	CO3.....	16.	LI.....	0.01		
AL.....	CH.....		MU.....	0.1		
AS..... 0.03			MO.....		5102.	100.
AU.....	CU.....		NA.....	61.	504.	23.
M..... 0.14	FE.....	10.	NA+K.....			
HA.....	FE+3.....		NO3.....	0.01		
CA..... 2.0	HCO3.....	80.	PO4.....	0.04		
CA+MG.....	MG.....					
CD.....	MP5.....					
CL..... 10.						
CO.....						

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION..... UTAH DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00678

GEOTHERM FILE 101 0061101

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GIVENS HOT SPRINGS

WELL SPRING NUMBER..... 01N-3W-21-HR015

WELLING NUMBER..... 159

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

VIN U03N 21 SE OF NW 40

STATE..... IDAHO

MERID: NUTSE

COUNTY..... OATHEE

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... GIVENS HOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1957/05/10 ROSS

TEMPERATURE (C)..... 49.

DISCHARGE..... 132. L/MIN

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....

P1.....

SPECIFIC CONDUCTANCE.....

ALKALINITY.....

TOTAL DISSOLVED SOLIDS.....

CHANGE IMBALANCE (8 DIFF.).....

ANALYSIS IN MG/L

AG.....	CO3.....	35.	LI.....			
AL.....	CH.....		MU.....			
AU.....	CU.....		MO.....		5102.	75.
M.....	FE.....	10.	NA.....	120.	504.	31.
HA.....	FE+3.....		NA+K.....			
CA..... 1.0	HCO3.....	190.	NO3.....	0.2		

ISOLOPES (0/001)

CL.... 23.
 CO.... 1.4
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... RJSS, 1971

RECORD 00679

GEOTHERM FILE 101 0001100

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GULVEN CHRISTENSEN WELL
 WELL/SPRING NUMBER..... 045-J2E-29-DWC 1

LOCATION
 COUNTY..... UNITED STATES 045 002E 29 50 OF N SE
 STATE..... IDAHO MEMPHIS OJISE

COORDINATES

LAT/LONG... 43-02.70 N 116-14.56 W

CITY..... OLYMPIE
 MAP REFERENCE..... JACKASS BUTTE 1324000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/07/27 YOUNG
 TEMPERATURE (C)..... 70

WELL DEPTH (M)..... 223

DISCHARGE..... 70 L/MIN

PERCENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 70

SUPPLY TO CONDUCTANCE..... 1370

ALKALINITY..... 820 AS CACCO3

TOTAL DISSOLVED SOLIDS..... 1020

CHANGE IN BALANCE TO DIFF..... 5.1

ANALYSIS IN MUGL

AN..... CO3..... M LI..... 0.03

AS..... N CH..... M

AL..... CU..... M SIZE 1000

H..... 0.02 F..... 0.3 NA..... 330

HA..... FL..... 300 4.5

CA..... 210 HCO3..... 1010 VU3..... M

CL..... M

CO..... R..... 20

GA.....

ANALYSIS IN VOLUME

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

CH.....

RECORD 00680

GEOTHERM FILE 101 0001246

NAME OF SAMPLE SOURCE... GUTHRIE'S HATCH WELL
 WELL/SPRING NUMBER..... 075-04E-26-HCB 1
 LOCATION: IDWASHIP-BAYNE
 COUNTY..... UNITED STATES 075 004E 26 N OF SE W
 STATE..... IDAHO MENUS HOUSE
 COUNTY..... Owyhee
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... LITTLE VALLEY 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 42-47.29 N 115-37.17 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/INJECTION..... 1973/07/10 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 31

ELL DEPTH (M)..... 204

DISCHARGE..... 4930 L/MIN

PERCENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS AND JOINTED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 300

ALKALINITY..... 84

TOTAL DISSOLVED SOLIDS... 234

CHARGE IMBALANCE IS DIFF. 1... 2.2

ANALYSIS IN MG/L

AR..... CO3..... M L..... 0.01

AL..... CL..... M..... 0.0

AS..... 0.015

AT..... CO..... M..... 51.2 11.

A..... 0.13 F..... 0.2 NA..... 25

MA..... FE3..... NA..... 50.0 22.

CA..... 13 HCO3..... 103 NU3..... 0.02

CA..... H..... 0.0043

CI..... H2S..... PD..... 0.15

CL..... 12

CO..... 5.3

PREPARED AND IDENTIFICATION

COMPILED BY..... DENMAN GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD 1975

RECUMD 00681

GEUTEMM FILE 101 0025344

BOTHIN SAMPLE FILE

NAME OF SAMPLE SOURCE... GUTHRIE'S HATCH WELL

WELL/SPRING NUMBER..... 025-024-03-HUB1

LOCATION: IDWASHIP-BAYNE

COUNTY..... UNITED STATES 025 002N 03 W OF SE W

STATE..... IDAHO

COUNTY..... Owyhee

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... WATERS BUTTE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30

ELL DEPTH (M)..... 274

DISCHARGE..... 470 L/MIN

PREPARED AND IDENTIFICATION

COMPILED BY..... RIDUANETAL RIN

COORDINATES

LAT/LONG... 43-10.08 N 116-33.74 W

COMPILER AFFILIATION... IDAMU DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS. 1980

RECORD 00682

GEOTHERM FILE 101 0061250

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HARRY LOOS WELL

WELL/SPRING NUMBER... 075-05E-07-000 1

LOCATION

ISLAND-RANGE

COORDINATES

LAT/LONG... 42-25.37 N 115-51.38 W

COUNTRY..... UNITED STATES 075 005E 07 SE OF SE SE

STATE..... IDAMU

MOUNTAIN NOISE

COUNTY..... UNYHFE

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... SUGAR VALLEY 1124000

OTHER LOCALITY INFORMATION... LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COMPOSITION

DATE/LOCATION..... 1973/06/14 YOUNG

TEMPERATURE (C)..... 40.

WELL DEPTH (M)..... 429.

DISCHARGE..... 7400 L/MIN

PERCENT LITHOLOGY..... PLIOCENE JOINTED BASALT.

ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....

PH..... 8.0

SPECIFIC CONDUCTANCE..... 290.

ALKALINITY..... 85.

TOTAL DISSOLVED SOLIDS... 290.

CATION BALANCE (A DIFF)..... 2.0

ANALYSIS IN MG/L

ISOLATES IN MG/L

AR..... CO3..... 9.0 LI..... 0.01

AL..... CA..... 6.5

AS..... 0.014 CIL..... MU..... 5732. 89.

AI..... 0.000 F..... 11. NA..... 50.

MA..... FE3..... NAOK..... 5000. 10.

CA..... 12. MCU3..... 85. MU3..... 0.71

CAG..... 10. MI..... 0.0001

CI..... 4.0 M2S..... PUH.....

CL..... 4.0

CU..... 0.000 A.B.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM GEORGE D.

COMPILER AFFILIATION... IDAMU DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00683

GEOTHERM FILE 101 0061150

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HENRY UNISCULL 01

WELL/SPRING NUMBER... 055-02E-13-AUA 1

LOCATION

ISLAND-RANGE

COORDINATES

LAT/LONG... 42-59.56 N 116- 9.50 W

COUNTRY..... UNITED STATES 055 002E 13 W OF SE W

STATE..... IDAMU

MOUNTAIN NOISE

COUNTY..... UNYHFE

GEOLOGIC PROVINCE... COLUMBIA PLATEAU

MAP REFERENCE... VINSKY WASH 1124000

WATER LOCALITY INFORMATION LOCATION APPROXIMATE SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/06/22 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 23.
WELL DEPTH (M)..... 533.
DISCHARGE..... 14. L/MIN

PERCENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS AND BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.6
SPECIFIC CONDUCTANCE..... 1260.
ALKALINITY..... 624. AS CaCO3
TOTAL DISSOLVED SOLIDS..... 828.
CHARGE IMBALANCE IS DIFF. 4.2

ANALYSIS IN MG/L

AG.....	CO3..... M	LI.....	2.83		
AL.....	CH.....	MO.....	2.0		
AS..... 0.005					
AI.....	CU.....	MO.....		5132.	110.
A..... 1.2	P..... 1.5	NA.....	250.		
HA.....	FF.....	NA.....		504..	3.2
CA..... 13.	HCO3..... 767.	NO3.....			
CA+Mg.....	H2S..... M				
CD.....	H2S.....	PO4.....	0.3		
CL..... 300					
CO.....	R..... 24.				

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENNIS GEORGE D.
COMPILED AFFILIATION..... TRANS DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD 1975

RECORD 00684

GEUTHEM FILE 101 0025362

WATER SAMPLE FILE

NAME OF SAMPLE SOURCE..... WEMALU SIMPER WELL
WELL/SPRING NUMBER..... 055-003E-21-04

LOCATION

COUNTRY..... UNITED STATES
STATE..... IOWA
COUNTY..... IOWA
TWP REFERENCE..... IOWA VIEW 112000

COORDINATES

LAT/LONG..... 42-58.78 N 116-06.92 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.
WELL DEPTH (M)..... 409.
DISCHARGE..... 17. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RICHARD E. RICHARD
COMPILED AFFILIATION..... TRANS DEPT OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00685

GEUTHEM FILE 101 0025366

WATER SAMPLE FILE

NAME OF SAMPLE SOURCE..... WEMALU CITY WELL
WELL/SPRING NUMBER..... 055-003E-21-04

LOCATION

COUNTRY..... UNITED STATES

COORDINATES

LAT/LONG... 43-37.38 N 116-56.08 W

BEUTNER FILE 103 0081259

CARDINALS

LA1/LUVB... 42-47.86 N 115-44.00 W

..... JAYME

REF ID: A66000

DATE / DIRECTOR..... 1973/06/16 YOUNG. dlt

TEMPERATURE (C)

211 NEWTON (M) 232

EFFICIENT LITHOLOGY..... PLIOCENE UNITED STATES

WAF-4 ANALYSIS

05TF/ALYST

.....

.....

SECRET - IC CONTINUATION

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

1960

--- C. 1007. BALANCE IN DIFF.

ALL IS IN 40/1

100-443887-100

A

AS... 0.014

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

100-443887-1000

100-443887-1000

425

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

100

SECRET

[illegible]

CREDIT AFFILIATION

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SECRET

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[Faint, illegible handwritten notes]

...the ...

 

NAME OF SAMPLE SOURCE... JOHNS PARKS DEPT. (HUNEAU SAND DUNES) WELL
WELL/SPRING NUMBER... 065-00E-12-CC01

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES
STATE... IDAHO
COUNTY... BUTTE
MAP REFERENCE... SAND DUNES 1124000

LAT/LONG... 42-54.65 N 115-41.4 W

MERIDIAN

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1972/06/15
TEMPERATURE (C)... 17.0

WELL DEPTH (M)... 362.0

WATER ANALYSIS

PH... 7.3
SPECIFIC CONDUCTANCE... 033
ALKALINITY... 377 AS CaCO3
TOTAL DISSOLVED SOLIDS... 540
CHARGE IMBALANCE (A DIFF)... 11.5

ANALYSIS IN MG/L

ISOTOPES IN/001

AG...	CO3...	N			
AL...	CH...		0.5		
AU...	CU...			5132.	100.
BA...	FE...	5.6	170.		
BR...	FE...			504.	3.6
CA...	MG...	400.			
CD...	MN...		0.05		
CL...	P...		0.05		

REFERENCE AND IDENTIFICATION

COMPILED BY... LIEB, MANDY
COMPILED AFFILIATION... U.S.G.S.
REFERENCE... JOHNS AND MITCHELL, 1973

RECORD 00600

GEOTHERM FILE 101 0061206

CONTINUED SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHNS PARKS DEPT. (HUNEAU SAND DUNES) WELL
WELL/SPRING NUMBER... 065-00E-12-CC01

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES
STATE... IDAHO
COUNTY... BUTTE
MAP REFERENCE... SAND DUNES 1124000

LAT/LONG... 42-54.65 N 115-41.4 W

MERIDIAN

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1973/07/20 JOHNS AND WHITEHEAD

WELL DEPTH (M)... 104

WATER ANALYSIS

PH... 7.3
SPECIFIC CONDUCTANCE... 033
ALKALINITY... 377 AS CaCO3
TOTAL DISSOLVED SOLIDS... 540

U.S. GEOLOGICAL SURVEY

AS CaCO3

CHARGE IMBALANCE IS DIFF. 1.000 5.4

ANALYSIS IN MU/L

ENCLOSURES 10/001

AG.....	CO3.....	H	LI.....	0.14	
AL.....	CU.....		MG.....	7.8	
AS.....	0.005		MO.....		5102. 9%
AU.....			NA.....	83.	
H.....	0.12	1.7	NAK.....	504..	240.
HA.....	FE+3.....		NU3..	N	
CA.....	85.	227.			
CA+G.	MG.....	N			
CO.....	N25.....		PO4..	0.09	
CL.....	18.				
CO.....		12.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD 1975A

RECORD 00689

GEOTHERM FILE 103 0001225

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... IDAHO STATE PARKS (HONEYEAT SAND DUNES) WELL

WELL/SPRING NUMBER..... 005-006-12-CCO 1

OCCUPATION

TOWNSHIP-TAYNE

COORDINATES

COUNTRY..... UNITED STATES

USGS CODE 12 SE OF S4 S4

LAT/LONG... 42-54.65 N 115-41.4 W

STATE..... IDAHO

MAYUS 0015E

COUNTRY..... UNITED STATES

GEOLOGIC PROVINCE... 17

MAP REFERENCE... SAND DUNES 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND OCCURRENCE

DATE/COLLECTOR..... 1973/01/04 TAYNE

TEMPERATURE (C)..... 37

FILL DEPTH (M)..... 102

PRESSURE..... 400. 17414

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 8.2

SPECIFIC CONDUCTANCE..... 843

ALCALITY..... 464 AS LACOS

TOTAL DISSOLVED SOLIDS..... 612

CHARGE IMBALANCE IS DIFF. 1.000 2.3

ANALYSIS IN MU/L

ENCLOSURES 10/001

AG.....	CO3.....	LI.....	0.22	59..
AL.....	CU.....	MG.....	0.8	50..
AS.....	0.001	MO.....		5102. 120.
AU.....		NA.....	100.	
H.....	0.1	NAK.....	504..	3.5
HA.....	FE+3.....	NU3..	3.8	
CA.....	85.	227.		
CA+G.	MG.....	N		
CO.....	N25.....		PO4..	0.21
CL.....	18.			
CO.....		12.		

VEL D OF WATER..... -144

VEL 01101 OF WATER..... -18.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM GEORGE O.

COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973; NIGHTMIRE AND OTHERS, 1976 (ISOTOPE DATA)

RECORD 00690

GEOTHEM FILE 101 0001446

GEOTHEM - SAMPLE FILE

NAME OF SAMPLE SOURCE... INDIAN HATMUD HOT SPRINGS

WELL/SPRING NUMBER... 045-06E-03-MUD 15

LOCATION

COUNTRY..... UNITED STATES

STATE..... IOWA

COUNTY..... UNYWE

HSD REFERENCE..... HOT SPRING 112400

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/03

TEMPERATURE (C)..... 34

DISCHARGE..... 1736 L/MIN

WATER ANALYSIS

pH..... 8.2

SPECIFIC CONDUCTANCE..... 207

ALKALINITY..... 105 AS CaCO3

TOTAL DISSOLVED SOLIDS..... 242

CHANGE IN BALANCE IN DIFF..... 0.0

ANALYSIS IN MUGL

AN..... 0.03..... 2.0

AL..... 0.04..... 2.0

AU..... 0.04..... 2.0

HA..... 0.04..... 2.0

CA..... 0.04..... 2.0

CO..... 0.04..... 2.0

CL..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

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CO..... 0.04..... 2.0

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CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

CO..... 0.04..... 2.0

ISOTOPE 10/001

RECORD 00691

GEOTHEM FILE 101 0001200

GEOTHEM - SAMPLE FILE

NAME OF SAMPLE SOURCE... INDIAN HATMUD HOT SPRINGS

WELL/SPRING NUMBER... 045-06E-03-MUD 15

LOCATION

COUNTRY..... UNITED STATES

STATE..... IOWA

COUNTY..... UNYWE

HSD REFERENCE..... HOT SPRING 112400

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/01/20 YOUNG & BILL

TEMPERATURE (C)..... 34

DISCHARGE..... 1700 L/MIN

POTENTIAL LITHOLOGY..... TUFF CONTACT WITH TERTIARY BASALT

WATER ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

P4.....

8.3

SPECIFIC CONDUCTANCE.....

300.

AS CAC03

ALKALINITY.....

141.

TOTAL DISSOLVED SOLIDS.....

248.

CHARGE IMBALANCE 10 DIFF.....

1.4

ANALYSIS IN MG/L

AG.....

CN3..... 5.0

LI.....

0.01

SH.....

ISOTOPES 10/001

DELT D OF WATER.....

-150.

AL.....

CM.....

MO.....

0.0

SC.....

DELT D1001 OF WATER...

-17.1

AS..... 0.018

CU.....

MO.....

53.

S102.

87.

AU.....

F..... 6.0

MO.....

53.

S102.

87.

H..... 0.00

FE.....

MO.....

53.

S102.

87.

HA.....

HCO3.....

MO.....

53.

S102.

87.

CA..... 0.0

HCO3.....

MO.....

53.

S102.

87.

CA..... 0.0

HCO3.....

MO.....

53.

S102.

87.

CO.....

H25.....

MO.....

53.

S102.

87.

CL..... 9.1

H25.....

MO.....

53.

S102.

87.

CO.....

H25.....

MO.....

53.

S102.

87.

REFERENCE AND IDENTIFICATION

COMPILED BY.....

DENHAM GEORGE D.

COMPILED AFFILIATION.....

TJANO DEPARTMENT OF WATER RESOURCES

REFERENCE.....

YOUNG AND WHITEHEAD 1970 AS MINOR AND OTHERS 1970 (ISOTOPE DATA)

RECORD 00642

GEOCHEMICAL SAMPLE FILE

GEOCHEMICAL FILE 101 0001757

NAME OF SAMPLE SOURCE.....

INDIAN HOT SPRING

WELL/SPRING NUMBER.....

125-087E-33-CAC03

LOCATION

INDIAN HOT SPRING

COORDINATES

LAT/LONG... 43-21.19 N 110-30.01 W

COUNTRY.....

UNITED STATES

125-087E 33 S0 OF MO S0

STATE.....

IDAH0

MONTANA

COUNTY.....

JACONE

GEOLOGIC PROVINCE.....

17

GRID REFERENCE.....

INDIAN HOT SPRING 1124000

SAMPLE DESCRIPTION AND COLLECTION

DATE OF COLLECTION.....

1970/06/17

TEMPERATURE (C).....

71.5

DISCHARGE.....

L/MIN

ANALYSIS

DATE.....

1970

SPECIFIC CONDUCTANCE.....

300.

ALKALINITY.....

141.

AS CAC03

TOTAL DISSOLVED SOLIDS.....

248.

CHARGE IMBALANCE 10 DIFF.....

1.4

ANALYSIS IN MG/L

AG.....

CN3.....

LI.....

0.000

SH.....

ISOTOPES 10/001

DELT D OF WATER.....

-150.

AL.....

CM.....

MO.....

0.0

SC.....

DELT D1001 OF WATER...

-16.0

AS..... 0.018

CU.....

MO.....

53.

S102.

87.

AU.....

F.....

MO.....

53.

S102.

87.

H..... 0.00

FE.....

MO.....

53.

S102.

87.

HA.....

HCO3.....

MO.....

53.

S102.

87.

CA..... 1.0

HCO3.....

MO.....

53.

S102.

87.

CA..... 0.0

HCO3.....

MO.....

53.

S102.

87.

CO.....

H25.....

MO.....

53.

S102.

87.

CL.....

H25.....

MO.....

53.

S102.

87.

CO.....

H25.....

MO.....

53.

S102.

87.

QUALIFICATION FILE..... CALCULATED TOTAL DISSOLVED SOLIDS; NO3 INCLUDES NO2; P04 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LIEB, HANDE
 COMPILER AFFILIATION... H. S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND LEWIS, 1980

RECORD 00693

GEOTHERM FILE 101 0001260

GEOTHERM FILE

NAME OF SAMPLE SOURCE... INDIAN HOT SPRINGS
 WELL/SPRING NUMBER..... 125-07L-33-C 15

LOCATION

COUNTRY..... UNITED STATES 125 007E 33 S
 STATE..... IOWA
 COUNTY..... IOWA
 GEOLOGIC PROVINCE... COLUMBIA PLATEAU
 MAP REFERENCE..... INDIAN HOT SPRINGS 182-030

COORDINATES

LAT/LONG... 42-20.00 N 115-39.00 W

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTION..... 1472/06/02 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 44
 DISCHARGE..... 4539 L/MIN

PARENT LITHOLOGY..... TERTIARY BASALT AND SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... 0.0
 SPECIFIC CONDUCTANCE..... 300
 ALKALINITY..... 105 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 202
 CHARGE IMBALANCE IN DIFF..... 0.4

ANALYSIS IN MG/L

AN...	CO3.....	30			
AL...	CH.....				
AI...	CL.....				
HA...	FE.....	100			
HA...	FE...	100			
CA...	MC03.....	070			
CH...	MC5.....				
CL...					
CO...					

SLOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.
 COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00694

GEOTHERM FILE 101 0001260

GEOTHERM FILE

NAME OF SAMPLE SOURCE... INDIAN HOT SPRINGS
 WELL/SPRING NUMBER..... 045-05E-1A-CC0 1

LOCATION

COUNTRY..... UNITED STATES 045 005E 15 40 OF 30 S
 STATE..... IOWA
 COUNTY..... IOWA
 GEOLOGIC PROVINCE... COLUMBIA PLATEAU
 MAP REFERENCE..... U.S. STRIKE MAP 112-000

COORDINATES

LAT/LONG... 42-53.93 N 115-34.94 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/06/28 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 27.

WELL DEPTH (M)..... 492.

PERMEABLE LITHOLOGY..... PLIOCENE BASALT AND SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.6

SPECIFIC CONDUCTANCE..... 520

ALKALINITY..... 110 AS CaCO3

TOTAL DISSOLVED SOLIDS..... 388

CHANGE IN BALANCE IN DIFF..... 1.2

ANALYSIS IN MUGL

ISOTOPE 10/001

AG.....	CO3.....	25.	LI.....	0.04		
AL.....	CL.....		NO.....	0.1		
AS..... 0.02						
AU.....	CU.....		NO.....	51.2	140.	
H..... 0.54	F.....	17.	NA.....	160.		
RA.....	FE.....		NA.....	504.	50.	
CA..... 3.9	MG.....	07.	NO3.....	6.13		
CA.....	NO.....	N				
CO.....	NO2.....		PO.....	0.09		
CL..... 700						
CO.....	K.....	7.3				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM GEORGE O.

COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD 1975A

RECORD 00095

GEOTHERMAL FILE 101 0001220

WELL/SAMPLE LABEL

NAME OF SAMPLE SOURCE..... YOUNG AND WHITEHEAD WELL #2

WELL/SAMPLE NUMBER..... 0001220-0001

LOCATION

COUNTY..... IDAHO STATES

STATE..... IDAHO

COUNTY..... JENSEN

PERMIT NO..... 17

WELL REFERENCE..... C. J. Squire IDW 1126000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/05/10 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 43.5

WELL DEPTH (M)..... 17

PERMEABLE LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 5.8

SPECIFIC CONDUCTANCE..... 567

ALKALINITY..... 192 AS CaCO3

TOTAL DISSOLVED SOLIDS..... 343

CHANGE IN BALANCE IN DIFF..... 0.0

ANALYSIS IN MUGL

ISOTOPE 10/001

AG.....	CO3.....	10.	LI.....	0.03		
AL.....	CL.....		NO.....	0.1		

AN....	CU.....	40....	5132.	59.
NA.....	FE.....	24.	110.	
HA.....	FE+3....		504..	3.7
CA.....	MC03....	198.	W03..	N
CA+16.	MS.....	N	P04..	0.12
CO.....	M25.....			
CL.....	R.....	5.0		
CO.....				

GAS ANALYSIS

DATE ANALYST.....

ANALYSIS IN VOLUME

C44..

C240..

C07..

H2..

PERING. K. L. USVS

ISOTOPES (00241)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DEMIANO GEORGE D.

COMPILED AFFILIATION... TUAMU DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD 1975

RECORD 00696

GEUTHERN FILE 101 0025357

GEUTHERN SAMPLE FILE

NAME OF SAMPLE SOURCE... JACK MORGAN BELL

WELL/SPRING NUMBER... 015-020-33-1003

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... UMYRE

GEOL. IC PROVINCE.. 17

WSP REFERENCE..... HALTENS, QUITE 192000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70

FLI DENTH (M)..... 121

TYPHANE..... 400, L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... WIDEA, ETA RIM M.

COMPILED AFFILIATION... TUAMU DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1940

RECORD 00697

GEUTHERN FILE 101 0025360

GEUTHERN SAMPLE FILE

NAME OF SAMPLE SOURCE... JACOBSON'S FEED LOT #2

WELL/SPRING NUMBER... 015-030-07-1003

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... UMYRE

GEOL. IC PROVINCE.. 17

WSP REFERENCE..... WILSON, PEAR 192000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70

FLI DENTH (M)..... 167

TYPHANE..... 1703, L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RILEYANETA KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS. 1960

RECORD 00638

GEOTHERM FILE 101 0001213

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JAMES AGENDUAD WELL
 WELL/SHRINK NUMBER..... 005-JSE-05-CAC 1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... UNTER
 GEOLOGIC PROVINCE... A7
 MAP REFERENCE..... VI504 WASH 1124000

COORDINATES

LAT/LONG... 42-55.70 N 116-07.7 W

TIME LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION..... 1973/06/04 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 41
 WELL DEPTH (M)..... 1077

PRESENT LITHOLOGY..... PLIOGENE SILICIC VOLCANIC ROCKS.
 WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 pH..... 8.6
 SPECIFIC CONDUCTANCE..... 320
 ALKALITY..... 84 AS CaCO_3
 TOTAL DISSOLVED SOLIDS... 233
 C-ANAL. IMBALANCE IN DIFF. 1... 2.2
 ANALYSIS IN M/L

ANALYSIS IN M/L

AN.....	0.01	LI.....	0.01
AL.....	0.01	MO.....	0.01
AS.....	0.023	CA.....	12
AD.....	0.01	CO.....	11
AE.....	0.01	FE.....	11
AF.....	0.01	MG.....	74
AG.....	0.01	NO.....	0.0002
AH.....	0.01	NA.....	0.00
AI.....	0.01	NI.....	0.00
AJ.....	0.01	PO.....	0.00
AK.....	0.01	SI.....	0.00
AL.....	0.01	SO.....	0.00
AM.....	0.01	TE.....	0.00
AN.....	0.01	TI.....	0.00
AO.....	0.01	TR.....	0.00
AP.....	0.01	VB.....	0.00
AQ.....	0.01	VO.....	0.00
AR.....	0.01	W.....	0.00
AS.....	0.01	X.....	0.00
AT.....	0.01	Y.....	0.00
AV.....	0.01	Z.....	0.00
AW.....	0.01	AA.....	0.00
AX.....	0.01	AB.....	0.00
AY.....	0.01	AC.....	0.00
AZ.....	0.01	AD.....	0.00
BA.....	0.01	AE.....	0.00
BB.....	0.01	AF.....	0.00
BC.....	0.01	AG.....	0.00
BD.....	0.01	AH.....	0.00
BE.....	0.01	AI.....	0.00
BF.....	0.01	AJ.....	0.00
BG.....	0.01	AK.....	0.00
BH.....	0.01	AL.....	0.00
BI.....	0.01	AM.....	0.00
BJ.....	0.01	AN.....	0.00
BK.....	0.01	AO.....	0.00
BL.....	0.01	AP.....	0.00
BM.....	0.01	AQ.....	0.00
BN.....	0.01	AR.....	0.00
BO.....	0.01	AS.....	0.00
BP.....	0.01	AT.....	0.00
BQ.....	0.01	AV.....	0.00
BR.....	0.01	AW.....	0.00
BS.....	0.01	AX.....	0.00
BT.....	0.01	AY.....	0.00
BU.....	0.01	AZ.....	0.00
BV.....	0.01	BA.....	0.00
BW.....	0.01	BB.....	0.00
BX.....	0.01	BC.....	0.00
BY.....	0.01	BD.....	0.00
BZ.....	0.01	BE.....	0.00
CA.....	0.01	BF.....	0.00
CB.....	0.01	BG.....	0.00
CC.....	0.01	BH.....	0.00
CD.....	0.01	BI.....	0.00
CE.....	0.01	BJ.....	0.00
CF.....	0.01	BK.....	0.00
CG.....	0.01	BL.....	0.00
CH.....	0.01	BM.....	0.00
CI.....	0.01	BN.....	0.00
CJ.....	0.01	BO.....	0.00
CK.....	0.01	BP.....	0.00
CL.....	0.01	BQ.....	0.00
CM.....	0.01	BR.....	0.00
CN.....	0.01	BS.....	0.00
CO.....	0.01	BT.....	0.00
CP.....	0.01	BU.....	0.00
CQ.....	0.01	BV.....	0.00
CR.....	0.01	BW.....	0.00
CS.....	0.01	BX.....	0.00
CT.....	0.01	BY.....	0.00
CU.....	0.01	BZ.....	0.00
CV.....	0.01	CA.....	0.00
CG.....	0.01	CB.....	0.00
CH.....	0.01	CC.....	0.00
CI.....	0.01	CD.....	0.00
CJ.....	0.01	CE.....	0.00
CK.....	0.01	CF.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0.00
CG.....	0.01	CR.....	0.00
CH.....	0.01	CS.....	0.00
CI.....	0.01	CT.....	0.00
CJ.....	0.01	CU.....	0.00
CK.....	0.01	CV.....	0.00
CL.....	0.01	CG.....	0.00
CM.....	0.01	CH.....	0.00
CN.....	0.01	CI.....	0.00
CO.....	0.01	CJ.....	0.00
CP.....	0.01	CK.....	0.00
CQ.....	0.01	CL.....	0.00
CR.....	0.01	CM.....	0.00
CS.....	0.01	CN.....	0.00
CT.....	0.01	CO.....	0.00
CU.....	0.01	CP.....	0.00
CV.....	0.01	CQ.....	0

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/06/19 YOUNG HILL

TEMPERATURE (C)..... 43.6

WELL DEPTH (M)..... 122

FISHING..... 7044, 1/MIN

PERCENT LITHOLOGY..... PLEISTOCENE BASALT

WATER ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

P..... 4.2

SPECIFIC CONDUCTANCE..... 207

AS CACOD

ALKALINITY..... 100

TOTAL DISSOLVED SOLIDS..... 249

CHARGE BALANCE (A DIFF)..... 2.3

ANALYSIS IN MUGL

AG.....	CO3.....	N	L1.....	0.01		
AL.....	Ca.....		MO.....	1.3		
AS.....	0.01N		NO.....	5132.	0.0	
AT.....	LU.....	1.0	NA.....	4.0		
M.....	0.00	5.0	VA.....	504.	17.	
HA.....	FE+3.....		WJ.....	0.59		
KA.....	12.	129.				
CA+Fe	13.....	0.0003	PO.....	0.00		
CO.....	N2S.....					
CL.....	N2O					
CT.....	N2	0.2				

ISOLOPES 10/041

WATER ANALYSIS AND UTILIZATION

COMPILED BY..... DENHAM GEORGE D.

COMPILED AFFILIATION..... U.S. DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD 1975

RECORD 00700

GEOTHERM FILE 101 0001205

GEOTHERMAL SAMPLE DATA

NAME OF SAMPLE SOURCE..... LEAN PHERLITT (HOT SPRINGS)

WELL/SPRING NUMBER..... 075-000-0000

FISHING NUMBER..... 100

LOCATION

COUNTRY..... UNITED STATES

SHIPMENT NAME

STATE..... IDAHO

075 000 30 00 00 SE

COUNTY..... OATHE

REMIUS HOUSE

GEOLOGIC PROVINCE..... AT

WATER REFERENCE..... HOT SPRINGS 192000

COMMENTS

LAT/LONG..... 42-45.00 N 115-43.02 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/06/19 WHITEHEAD N.

TEMPERATURE (C)..... 41.6

FISHING..... 1700, 1/MIN

PERCENT LITHOLOGY..... PLEISTOCENE JOINTED BASALT

WATER ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

P..... 9.1

SPECIFIC CONDUCTANCE..... 200

AS CACOD

ALKALINITY..... 40

TOTAL DISSOLVED SOLIDS..... 249

CHARGE BALANCE (A DIFF)..... 3.1

ANALYSIS IN MUGL

ISOLOPES 10/041

AG....	CO3....	6.0	LI....	M		
AL....	CH.....		MG....	0.3		
AS....	0.026					
AV....	CU.....		VO....		512.	03.
9....	F.....	0.5	NA....	55.		
HA....	FE.....		NAOK.		504.	10.
CA....	HC03....	103.	NO3..	0.40		
CA+G.	HO.....	0.0002	PO4..	0.09		
CO....	H2S.....					
CL....	0.0					
CO....	0.0					

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.
 COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975a

RECNO 00701

GEUTHERM FILE 101 0025331

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... IIM AVAHOUSEN WELL
 WELL/SPRING NUMBER..... 014-030-17-0001

LOCATION

COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... IOWA
 GEOLOGIC PROVINCE... 17
 NEW REFERENCE..... GIVENS MOUNTAIN SPRING 112-0001

COORDINATES

LAT/LONG... 43-25-07 N 110-42.78 W

SAMPLE DESCRIPTION AND COMMENTS

TEMPERATURE (C)..... 30

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEWATER, RIM M.
 COMPILER AFFILIATION... IOWA DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECNO 00702

GEUTHERM FILE 101 0025332

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JUSTAMERE FARMS WELL
 WELL/SPRING NUMBER..... 030-030-70-0001

LOCATION

COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... IOWA
 GEOLOGIC PROVINCE... 17

COORDINATES

LAT/LONG... 43-34-22 N 110-50.20 W

SAMPLE DESCRIPTION AND COMMENTS

TEMPERATURE (C)..... 110

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEWATER, RIM M.
 COMPILER AFFILIATION... IOWA DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECNO 00703

GEUTHERM FILE 101 0081234

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KEITH THOMAS WELLS
 WELL/SPRING NUMBER..... 075-04E-01-ACC 1
 LOCATION
 COUNTY..... UNITED STATES 075 004E 01 50 OF 50 VE
 STATE..... IOWA
 COUNTY..... IOWA
 GEOLOGIC PROVINCE... AT
 MAP REFERENCE..... LITTLE VALLEY 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 42-50.65 N 115-55.37 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1473/09/21 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 400
 ELI DEPTH (M)..... 549
 DISCHARGE..... 2040 L/MIN
 PERCENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 SPECIFIC CONDUCTANCE..... 210
 ALKALINITY..... 01
 TOTAL DISSOLVED SOLIDS... 235
 CHARGE IMBALANCE 14 DIFF. 3.7

ANALYSIS IN MOLE

Al...	0.003	Ca...	10.	Li...	N		
As...	0.003	Cu...		Mg...	0.2		
Br...	0.01	Fe...	9.7	Na...	53.	5132.	03.
Cl...	0.01	HC...	79.	NO...	0.29	504.	17.
CO...	0.00	NO...	0.6005	NO...	0.05		
CO...	0.00	NO...		NO...	0.05		

ENCLOSURES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM GEORGE O.
 COMPILED AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD 1975A

RECORD 00704

GEOTHERM FILE 101 0001210

IDENTIFIED SAMPLE FILE

NAME OF SAMPLE SOURCE... KEITH THOMAS WELLS NO. 1
 WELL/SPRING NUMBER..... 075-04E-01-ACC 1
 LOCATION
 COUNTY..... UNITED STATES 075 004E 25 50 OF 50 VE
 STATE..... IOWA
 COUNTY..... IOWA
 GEOLOGIC PROVINCE... COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION..... 1473/06/21 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 70
 ELI DEPTH (M)..... 433
 DISCHARGE..... 140 L/MIN

COORDINATES

LAT/LONG... 42-52.44 N 115-50.14 W

PERTINENT LITHOLOGY..... PLIOCENE-PLISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

P..... 700

SPECIFIC CONDUCTANCE..... 702

ALKALINITY..... 100

AS CaCO3

TOTAL DISSOLVED SOLIDS..... 497

CHARGE IMBALANCE (A DIFF)..... 0.6

ANALYSIS IN MG/L

ISOTOPES (PROM)

AG.....	CO3.....	N	LI.....	0.89		
AL.....	CH.....		MG.....	2.3		
AS.....	0.003					
AU.....	CU.....		W.....		502	73
BA.....	0.13		FA.....	3.9	48	
BR.....	FE.....		48K.....		50	140
CA.....	41		HCO3.....	129	0.23	
CA+U.....	MG.....	N	NO3.....			
CD.....	H2S.....		PO4.....	0.89		
CL.....	140					
CO.....	K.....	13				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MENAHO GEORGE D.

COMPILED AFFILIATION..... PUANO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD 1975

RECORD 00705

WATER SAMPLE FILE

GEUTHEM FILE 101 0025347

NAME OF SAMPLE SOURCE..... LEE ISSAC WELL

WELL/SPRING NUMBER..... 075-004E-05-00

LOCATION

COUNTY..... UNITED STATES

LOUISIANA

U.S. 004E 05 SE OF SE

COORDINATES

LAT/LONG..... 42-50-25 N 115-59-05 W

STATE..... IDAHO

COUNTY..... JAYNE

GEOL. IC PROVINCE..... AT

REF. REFERENCE..... LITTLE VALLEY 112400

SAMPLE DESCRIPTION AND COMMENTS

TEMPERATURE (C)..... 70

WELL DEPTH (M)..... 277

REFERENCE AND IDENTIFICATION

COMPILED BY..... HILGANTAS KIM M.

COMPILED AFFILIATION..... PUANO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS 1980

RECORD 00706

WATER SAMPLE FILE

GEUTHEM FILE 101 0081202

NAME OF SAMPLE SOURCE..... TERRY HEARNS WELL

WELL/SPRING NUMBER..... 055-003E-22-00

LOCATION

COUNTY..... UNITED STATES

LOUISIANA

U.S. 003E 22 SE OF SE SE

COORDINATES

LAT/LONG..... 42-50.8 N 116-04.0 W

STATE..... IDAHO

COUNTY..... JAYNE

GEOL. IC PROVINCE..... COLUMBIA PLATEAU

REF. REFERENCE..... QUANT VIEU 112400

LOCALITY INFORMATION LOCATION APPROPRIATE

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTOR..... 1973/06/22 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 196.
 DISCHARGE..... 17. L/MIN
 PERCENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 1200.
 ALKALINITY..... 500. AS CaCO₃
 TOTAL DISSOLVED SOLIDS..... 612.
 CHANGE IN BALANCE IN DIFF. 1... 2.5

ANALYSIS IN MUGL

AG.....	CO ₃	M.....	LI.....	0.95		
AL.....	CR.....		NO.....	3.0		
AS..... 0.004			NO.....		5132.	140.
AT.....	CU.....		NO.....			
HA..... 1.2	F.....	0.7	NO.....	250.		
HA.....	FE.....		NO.....		504..	4.0
CA..... 19.	HCO ₃	683.	NO.....	0.02		
CA.....	M.....					
CO.....	M2S.....		PO.....	0.12		
CL..... 30.						
CO.....	M.....	10.				

ISOTOPES (Q/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM GEORGE W.
 COMPILED AFFILIATION... YAMU DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD 1973

RECUMU 00707

GEUTHEM FILE 101 0001210

WATER SAMPLE SITE

NAME OF SAMPLE SOURCE... LESLIE POST WELL #1
 WELL/SHED NUMBER..... 195-02-CHC 1

LOCATION

COUNTRY..... UNITED STATES 665 003E - 02 50 OF 40 50
 STATE..... IDAHO
 COUNTY..... BAYNEE
 GEOLOGIC PROVINCE... 17

COORDINATES

LAT/LONG... 42-55.7 N 110-04.48 W

MAP REFERENCE... GRANT VIEW 112000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTOR..... 1973/05/31 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 934.

PERCENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 499.
 ALKALINITY..... 157. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 399.
 CHANGE IN BALANCE IN DIFF. 1... 2.0

ANALYSIS IN MUGL

AG.....	CO ₃	58.	LI.....	0.00
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ISOTOPES (Q/001)

AL....		CH.....		MG... N		
AS....	0.002			MO...		5102. 99.
AU....		CU.....		NA...	120.	
B....	0.05	F.....	17.	NA+K.		504.. 45.
BA....		FE+3....		WJ...	0.01	
CA....	1.2	MG03....	86.			
CA+MG.		MG.....	N	PO...	0.00	
CO....		MZS.....				
CL....	19.					
CO....		A.....	2.0			

GAS ANALYSIS

ANALYSIS IN VOLUME %

CH₄... 5.
C₂H₆...
CO₂... 1.1
H₂... 0.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM GEORGE O.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD 1975a

RESIDUES (0002)

RECORD 00708

GEOCHEMICAL FILE

GEOCHEMICAL FILE 101 0081211

NAME OF SAMPLE SOURCE... LESLIE POST WELL #2

WELL/SPRING NUMBER... 005-03E-02-CCC 3

LOCATION

COUNTY..... UNITED STATES
STATE..... IDAHO
COUNTY..... Owyhee
GEOLOGIC PROVINCE... COLUMBIA PLATEAU
WATER REFERENCE... UGAIN VIEW 1124000

COORDINATES

LAT/LONG... 42-55.43 N 110-4.52 W

SAMPLE DESCRIPTION AND COMMENTS

DATE OF COLLECTION... 1971/07/05
TEMPERATURE (C)... 43
ELEVATION (M)... 491
WATER TYPE... 2120 L/MIN
GEOLOGIC LITHOLOGY... PLIOCENE BASALT AND SEDIMENTS.

ANALYSIS

DATE ANALYST..... U.S. GEOLOGICAL SURVEY
ANALYST.....
SPECIFIC CONDUCTANCE... 500
ALKALINITY..... 100
TOTAL DISSOLVED SOLIDS... 374
CYANIDE BALANCE (A DIFF)... 0.0

ANALYSIS IN MG/L

AL....		CO....	37.	CL...	0.00	50...	
AS....		CU.....		NA...	0.1	50...	
BA....	0.003						
CA....	0.76	CI....		MO...		5102. 100.	
CA+MG.		F.....	17.	NA...	110.		
CO....		FE+3....		NA+K.		504.. 27.	
CL....	1.0	MG03....	12.	WJ...	0.03		
CO....		MG.....	0.0001				
CL....		MZS.....		PO...	0.03		
CO....	1.0						

RESIDUES (0001)

WELL 0 OF WATER..... 154.
WELL 01101 OF WATER... 17.0

CO.....
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... BENMAN, GEORGE D.
 COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975a; NIGHTWIRE AND OTHERS, 1976 (ISOTYPE DATA)

RECORD 00709

GEOTHERMAL FILE 101 0001441

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... LESLIE POST WELL NO. 2
 WELL/SPRING NUMBER..... 065-03E-02-CCCC

LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... UTAH
 MAP REFERENCE..... UTAH VIE 182400

COORDINATES

LAT/LONG... 42-55.43 N 110-04.52 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION..... 1972/06/12
 TEMPERATURE (C)..... 53
 ELI DEPTH (M)..... 591
 DISCHARGE..... 1051 L/MIN

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 500
 ALKALINITY..... 171 AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 309
 CHARGE IMBALANCE IN DIFF..... 26.3

ANALYSIS IN MUSE

AN..... CO3..... 29
 AL..... CH.....
 AU..... CO.....
 H..... F..... 17
 H..... FE.....
 C..... HCU..... 14
 C..... H2S.....
 C.....
 C.....
 C.....

ISOTOPES IN MUSE

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, NANCY
 COMPILED AFFILIATION..... 1965, G.S.
 REFERENCE..... YOUNG AND MITCHELL, 1979

RECORD 00710

GEOTHERMAL FILE 101 0001503

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... LITTLE VALLEY INNOVATION WELL
 WELL/SPRING NUMBER..... 065-03E-02-CCCC

LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... UTAH
 MAP REFERENCE..... C. J. STINE DAN 112400

COORDINATES

LAT/LONG... 42-54.4 N 115-55.05 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION..... 1973/05/30

TEMPERATURE (C)..... 54.
WELL DEPTH (M)..... 581.
DISCHARGE..... 5610. LPMIN
WATER ANALYSIS

PAPER ABSORPTION..... 9.4
 SPECIFIC CONDUCTANCE..... 503.
 ALKALINITY..... 140. AS CAC03
 TOTAL DISSOLVED SOLIDS... 452.
 CHANGE IN ALKALINE TO DIFF. 1... 14.2
 ABSORPTION IN MUF

AG....		C03.....	74..	L1... *	59....		
AL....		C4.....		M6... *	SC....		
AS....	0.03						
AU....		C0.....		M0... *	S132..	1-0.	
M.....	0.34	F.....	24..	NA... *	110..		
HA....		Ft-3....		NAP.. *	50....	03..	
CA....	5.0	MC03....	20..	W03.. *	J.02		
CA-ME..		M0.....	0.0004				
CN....		M25.....		P0... *	0.18		
CL....	14.						
CO....			4.7				

ENVELOPES (10/00)

UCL 3 OF WATER.....	-14.0
UCL 01181 OF WATER...	-17.0

~~IDENTIFICATION FILED..... NOT INCLUDES NOT~~
~~REFERENCE AND IDENTIFICATION~~

COMPILED BY..... ILEN HAYDU

COMPTON AFFILIATION... 1050650

REFERENCE..... YOUNG AND MITCHELL, 1973a, b, c, d, e AND OTHERS, 1976 (ISOTOPE DATA)

RECORD 00711

IDENTIFICATION FILE NO: 0001209

GENITIVE SAMPLES

NOTE - SAMPLE SUBMITTED BY GREEN HOLE SPRING

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 05-01-2010 BY 60322 UCBAW

400000

INVESTIGATION

COMMUNALIS

101/100... 42-51.09 N 110-22.08

UNITED STATES UNS. 001E 32 OF 70 W

STATE..... 10447..... 42103 40156

CONTINUATION OF REPORT

BRUNIC PROVINCE 17

430 REFERENCE 40 JUN 1964 1120000

5. SAMPLE DESCRIPTION AND COMMENTS

DATE OF INFECTION..... 1971/07/12 TUBING AND ONITRENO

TEMPERATURE (C) 25

BEAUTIFUL LITMOLUR..... GWAHTIE RUCAS.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

102

SPECIFIC CONDUCTANCE 345

SECRET

1950-1951

LONG BALANCE (DIFFERENCE)

TABLE 15 IN 1971

Category	Value	Unit	Percentage	Percentage
A1).....	0.005		0.5	
A2).....	0.009		22	9%
A3).....	0.009		22	9%

25010PLS 10/04

CA.... 37. WC33.... 126. NU3... 0.56
 CA... 0.0000 MU..... 0.0001
 CO.... 125..... PU4... 0.03
 CL.... 21. K..... 1.0
 CO....

REFERENCE AND IDENTIFICATION

COMPILED BY..... DEWEY, GEORGE D.
 COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD 1975

RECORD 00712

GEOTHERM FILE 101 0025333

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MARIE BRINELL WELL
 WELL/SPRING NUMBER..... 011-04-12-ABC

LOCATION

COUNTRY..... UNITED STATES 101-04-12-50 N 40 W
 STATE..... IOWA
 COUNTY..... OSMAGE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... UTAH 1124000

COORDINATES

LAT/LONG... 43-26.49 N 115-45.62 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40
 WELL DEPTH (M)..... 457

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWATER, KIM M.
 COMPILER AFFILIATION... IOWA DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS 1990

RECORD 00713

GEOTHERM FILE 101 0025332

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MERLE HACHMAN WELL
 WELL/SPRING NUMBER..... 015-04-08-10

LOCATION

COUNTRY..... UNITED STATES 101-04-08-10 N 50 W
 STATE..... IOWA
 COUNTY..... OSMAGE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... LITTLE VALLEY 1124000

COORDINATES

LAT/LONG... 42-49.92 N 115-53.00 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 38
 WELL DEPTH (M)..... 213

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWATER, KIM M.
 COMPILER AFFILIATION... IOWA DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS 1990

RECORD 00714

GEOTHERM FILE 101 0001220

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MERLE HACHMAN WELL
 WELL/SPRING NUMBER..... 015-04-08-10

LOCATION

COUNTRY..... UNITED STATES 101-04-08-10 N 50 W
 STATE..... IOWA
 COUNTY..... OSMAGE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... LITTLE VALLEY 1124000

COORDINATES

LAT/LONG... 42-52.92 N 115-53.00 W

STATE..... IOWA
 COUNTY..... WORTH
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... DUNEAU 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/US/22 YOUNG
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 270.
 DISCHARGE..... 17. L/MIN
 DOMINANT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.0
 SPECIFIC CONDUCTANCE..... 457.
 ALKALINITY..... 109. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 327.
 CHARGE IMBALANCE IN DIFF..... 7.0

ANALYSIS IN MG/L

AG.....
 AL.....
 AS..... 0.015
 AR.....
 BA..... 0.34
 BR.....
 CA..... 3.0
 CH.....
 CL..... 1.0
 CO..... 1.1

CO3..... 19.
 C4.....
 C5.....
 C6.....
 C7.....
 C8.....
 C9.....
 C10.....
 C11.....
 C12.....
 C13.....
 C14.....
 C15.....
 C16.....
 C17.....
 C18.....
 C19.....
 C20.....
 C21.....
 C22.....
 C23.....
 C24.....
 C25.....
 C26.....
 C27.....
 C28.....
 C29.....
 C30.....
 C31.....
 C32.....
 C33.....
 C34.....
 C35.....
 C36.....
 C37.....
 C38.....
 C39.....
 C40.....
 C41.....
 C42.....
 C43.....
 C44.....
 C45.....
 C46.....
 C47.....
 C48.....
 C49.....
 C50.....

LI.....
 NA.....
 NH4.....
 NO3.....
 NO2.....
 PO4.....
 SO4.....
 TH.....
 UO2.....
 V.....
 W.....
 X.....
 Y.....
 Z.....

ISOTOPES IN/ML

DEUT. D OF WATER..... -10.0
 DEUT. D (C) OF WATER..... -10.0

REFERENCE AND INVESTIGATION

C. M. PETERSON..... DENHAM GEORGE O.
 C. M. PETERSON..... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WINTERMAN 1973B PLIOCENE AND PLEISTOCENE 1970 (ISOTOPE DATA)

RECORD 00715

GEOTHERM FILE 101 0001577

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE..... MURPHY HOT SPRINGS
 WELL/SPRING NUMBER..... 1954072-24-0013

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... WORTH
 MAP REFERENCE..... DUNEAU 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/US/22
 TEMPERATURE (C)..... 30.

WATER ANALYSIS

PH..... 9.0
 SPECIFIC CONDUCTANCE..... 457.
 ALKALINITY..... 109. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 327.
 CHARGE IMBALANCE IN DIFF..... 7.0

ANALYSIS IN MG/L

AG.....
 AL.....
 AS..... 0.015
 AR.....
 BA..... 0.34
 BR.....
 CA..... 3.0
 CH.....
 CL..... 1.0
 CO..... 1.1

LI.....
 NA.....
 NH4.....
 NO3.....
 NO2.....
 PO4.....
 SO4.....
 TH.....
 UO2.....
 V.....
 W.....
 X.....
 Y.....
 Z.....

ISOTOPES IN/ML

DEUT. D OF WATER..... -10.0

AL....	CR.....	MO... 1 0.1	SC...	DEL 01101 OF WATER...	-17.3
AS.... 0.009	CU.....	NO... 40...	SIJ2...	120...	
AU....	FE..... 3.0	NA... 30-	SO4...	4.7	
HA....	FE(TOT)...	NO...	SR...		
HE....	MCU3... 5%	NU3... 0.0			INITIUM (T.O.)..... 0.5 + 0.4 = 0.9
CA.... 5.4	MO..... L 0.0001	PU... 0.10			
CA-MG...	MZS.....				
CO....					
CL.... 2.0					
CO....					

OTHER ANALYTICAL DATA... TRITIUM ANALYZED BY T.A. WHELAN, J.S.S.S. RESTON, VA.
 QUALIFICATION FIELD... CALCULATED TOTAL DISSOLVED SOLIDS NO3 INCLUDES NO2 PPM WAS CALCULATED FROM TOTAL P
 HEPHYL AND IDENTIFICATION
 COMPILER... IEDS HANDY
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE... YOUNG AND LEWIS, 1960

RECORD 00716

GEOTHERM FILE 101 0001209

GEOCHEMICAL SAMPLE FILE

NAME OF SAMPLE SOURCE... MUMPHY HOT SPRINGS
 WELL/SPRING NUMBER... 145-042-24-0015
 MINING NUMBER... 1090

LOCATION

COUNTRY... UNITED STATES
 STATE... IOWA
 COUNTY... IOWA
 TOWNSHIP... 38N
 RANGE... 24E
 SECTION... 10

COORDINATES

LAT/LONG... 42-01.52 N 115-21.70 W

COUNTY... IOWA
 GEOLOGIC PROVINCE... COLUMBIA PLATEAU
 MAP REFERENCE... MUMPHY HOT SPRING 112-000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1972/05/23 YOUNG AND MITCHELL
 TEMPERATURE (C)... 43

DISCHARGE... 2.35 L/MIN
 PARENT LITHOLOGY... PLIOCENE BASALT AND SILICIC VOLCANIC ROCKS

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

P... 1.1
 SPECIFIC CONDUCTANCE... 137
 ALKALINITY... 57 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 103
 CHANGE IN BALANCE IN DIFF... 7.0
 ANALYSIS IN M/L

ISOTOPE 10/01

AL....	CR.....	MO... 1 0.1	SC...	DEL 01101 OF WATER...	-17.3
AS....	CU.....	NO... 40...	SIJ2...	120...	
AU....	FE..... 3.0	NA... 30-	SO4...	4.7	
HA....	FE(TOT)...	NO...	SR...		
HE....	MCU3... 5%	NU3... 0.0			
CA.... 5.4	MO..... L 0.0001	PU... 0.10			
CA-MG...	MZS.....				
CO....					
CL.... 2.0					
CO....					

HEPHYL AND IDENTIFICATION

COMPILER... GEORGE M.
 COMPILER AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE... YOUNG AND MITCHELL, 1973

RECORD 00717

GEOTHERM FILE 101 0001216

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NIELSEN AND CAUTHERS

WELL/SPRING NUMBER... 005-036-09-ACC 1

LOCATION

COUNTRY... UNITED STATES 005 0036 09 50 OF 50 VE

STATE... IDAHO 005 0036 09 50 OF 50 VE

COUNTY... Owyhee

GEOLOGIC PROVINCE... 17

MAP REFERENCE... GRAND VIEW 1124000

OTHER LOCALITY INFORMATION... LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION... 1973/06/04 YOUNG AND WHITEHEAD

TEMPERATURE (C)... 79

WELL DEPTH (M)... 434

DISCHARGE... 4283 L/MIN

PERMIT LITHOLOGY... PLIOCENE BASALT AND SEDIMENTS

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

PH... 8.0

SPECIFIC CONDUCTANCE... 516

ALKALINITY... 170 AS CaCO3

TOTAL DISSOLVED SOLIDS... 400

CHARGE IMBALANCE IN DIFF... 4.2

ANALYSIS IN MG/L

ANALYSIS IN MG/L		ANALYSIS IN MG/L		ANALYSIS IN MG/L	
AG...	25	LI...	0.00		
AL...		NA...	0.1		
AU...		NO...	5132	130	
BA...	9.1	PO...	97		
BR...		SI...	50	42	
CA...	3.0	SO...			
CL...		TH...	0.10		
CO...					

ANALYSIS IN MG/L

REPORTING AND IDENTIFICATION

COMPILED BY... DENHAM GEORGE D.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... YOUNG AND WHITEHEAD 1975B

RECORD 00718

GEOTHERM FILE 101 0001200

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JENNIS MCLEATH

WELL/SPRING NUMBER... 005-036-09-ACC 1

LOCATION

COUNTRY... UNITED STATES 005 0036 09 50 OF 50 VE

STATE... IDAHO 005 0036 09 50 OF 50 VE

COUNTY... Owyhee

GEOLOGIC PROVINCE... 17

MAP REFERENCE... GRAND VIEW 1124000

OTHER LOCALITY INFORMATION... LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION... 1973/07/13 YOUNG AND WHITEHEAD

TEMPERATURE (C)... 80

WELL DEPTH (M)..... 738.
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.
 WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 SPECIFIC CONDUCTANCE..... 396.
 ALKALINITY..... 124.
 TOTAL DISSOLVED SOLIDS..... 313.
 CHANGE IN BALANCE IN DIFF. 1..... 0.0

AS CaCO3

ANALYSIS IN ANAL

AG.....	CO3.....	41.	Li.....	0.1
AL.....	CH.....		Na.....	
AS..... 0.001	CU.....		NO.....	5102. 140.
AM.....	FE.....	19.	NA.....	05.
AN..... 0.70	FE-2.....		NO.....	504. 0.0
AR.....	MG.....	27.	NO3.....	0.09
CA..... 1.1	MG.....		PO4.....	0.03
CA-19.	MS.....			
CH.....	MS.....			
CL..... 15.	MS.....			
CO.....	MS.....			
	MS.....	7.7		

ISOTOPES (0/001)

ISOTOPES (0/001)

GAS ANALYSIS

ANALYSIS IN VOLUME %

CH4..... 4
 C2H6..... 12.00
 C2H4..... 1.0
 H2..... 0.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... JENNIFER GEORGE D.
 COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND SMITH, 1975

RECORD 00719

GEOTHERM FILE 101 0025371

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE..... MOUNTAIN WHITE WELL

WELL SPRING NUMBER..... 111-03-00-001

LOCATION

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... OATHE

LOCALITY PROVINCE..... 17

WELL REFERENCE..... WELLS NOT SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

WELL DEPTH (M)..... 738.

RECORD 00720

GEOTHERM FILE 101 0025350

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE..... MOUNTAIN WHITE WELL

WELL SPRING NUMBER..... 111-03-00-001

WELL SPRING NUMBER..... 111-03-00-001

WELL SPRING NUMBER..... 111-03-00-001

WELL SPRING NUMBER..... 111-03-00-001

WELL SPRING NUMBER..... 111-03-00-001

WELL SPRING NUMBER..... 111-03-00-001

WELL SPRING NUMBER..... 111-03-00-001

WELL SPRING NUMBER..... 111-03-00-001

WELL/SPR NUMBER..... 035-024-01-003
 LOCATION.....
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... JAYHWE
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... SILVER CITY 1362500
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 44.0
 WELL DEPTH (M)..... 121.0
 DISCHARGE..... 946. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... J. DEGANETA, W. H. M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1948

COORDINATES

LAT/LONG... 43-11-66 N 116-31-57 W

RECORD 00721

GEOTHERM FILE 101 0001447

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... OSCAN FIELDS WELL
 WELL/SPRING NUMBER..... 055-026-01-003

LOCATION:
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... JAYHWE
 MAP REFERENCE..... JACKASS BUTTE 1320000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 43-01-45 N 116-10-05 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/06/07
 TEMPERATURE (C)..... 49.5
 WELL DEPTH (M)..... 94.0
 DISCHARGE..... 114.0 L/MIN

WATER ANALYSIS

RESISTANCE..... 862
 SPECIFIC CONDUCTANCE..... 194
 ALKALITY..... 139 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 217
 CHARGE IMBALANCE (A DIFF) 1.6

ANIONS IN MG/L

ANIONS	CONC.	ANIONS	CONC.
CL	54.0	NO3	51.0
SO4	5.0	PO4	0.02
CO3	0.0		
HCO3	0.0		
SiO2	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.0		
Ca	0.0		
Mg	0.0		
Al	0.0		
Si	0.0		
Fe	0.0		
Mn	0.0		
Cu	0.0		
Zn	0.0		
Pb	0.0		
Ag	0.0		
As	0.0		
Se	0.0		
Br	0.0		
I	0.0		
B	0.0		
Li	0.0		
K	0.0		
Na	0.		

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.
 WELL DEPTH (M)..... 221.
 DISCHARGE..... 113. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GIDEON ETAL. RIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECUMD 00724

CONTINUED SAMPLE FILE

GEUTHEMM FILE 101 0001235

NAME OF SAMPLE SOURCE... DEE MENRIC WELL #1
 WELL/SPRING NUMBER..... N75-JUL-03-ADD 1

LOCATION

COORDINATES

COUNTRY..... UNITED STATES 47S 004E 03 SE OF 40 E
 STATE..... IDAHO MENIUS BUTSE
 COUNTY..... OATHEE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... LITTLE VALLEY 112400N
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

LAT/LONG... 42-50-02 N 115-57.51 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/06/28 YOUNG
 TEMPERATURE (C)..... 42.
 WELL DEPTH (M)..... 140.
 DISCHARGE..... 124. L/MIN

LITHOLOGY

PLIOCENE JOINTED BASALT.
 WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 212.
 ALKALINITY..... 113. AS LACOS
 TOTAL DISSOLVED SOLIDS... 241.

ANALYSIS IN MUGL

ANALYSIS	CONCENTRATION	UNIT
AN...	0.03	g/L
AS...	0.01	g/L
AL...	0.01	g/L
AR...	0.01	g/L
BA...	0.01	g/L
BR...	0.01	g/L
CA...	0.01	g/L
CL...	0.01	g/L
CO...	0.01	g/L
CR...	0.01	g/L
CU...	0.01	g/L
FE...	0.01	g/L
HI...	0.01	g/L
HR...	0.01	g/L
MA...	0.01	g/L
NI...	0.01	g/L
NO...	0.01	g/L
PN...	0.01	g/L
PO...	0.01	g/L
SI...	0.01	g/L
SO...	0.01	g/L
TE...	0.01	g/L
TI...	0.01	g/L
TR...	0.01	g/L
VA...	0.01	g/L
VO...	0.01	g/L
W...	0.01	g/L
ZN...	0.01	g/L

SOLUTES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... MENWANG GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECUMD 00725

CONTINUED SAMPLE FILE

GEUTHEMM FILE 101 0001236

NAME OF SAMPLE SOURCE... DEE MENRIC WELL #1
 WELL/SPRING NUMBER..... N75-JUL-03-ADD 1

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... DUYEE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... LITTLE VALLEY 1124000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/LOCATION..... 1973/06/11 YOUNG HILL
 TEMPERATURE (C)..... 37.5
 RELI DEPTH (M)..... 149
 DISCHARGE..... 1974 L/MIN
 PERCENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS AND PLIOCENE GRSALY.
 WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P4..... 0.0
 SPECIFIC CONDUCTANCE..... 204
 ALKALITY..... 07 AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 257
 CHARGE BALANCE (± DIFF.)... 12.5

ANALYSIS IN MUGL

ISOLUPLS 10/001

AG.....	CO3.....	LI.....	0.01		
AL.....	Ca.....	Na.....	0.1		
AS..... 0.017					
AR.....	Cl.....	NO.....	47	512	44
HA..... 0.11		NA.....	20		
HA.....	FE.....	NA.....	20		
CA..... 7.0	MCU3.....	NA.....	0.20		
CA.....	MCU3.....	NA.....	0.0001		
CO.....	MCU3.....	NA.....	0.12		
CI..... 0.0	MCU3.....	NA.....			
CO..... 0.0	MCU3.....	NA.....			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENNIS GEORGE O.
 COMPILED AFFILIATION... TOWN DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TOWN AND WHITEHEAD 1970

RECORD 00720

GEOTHERM FILE 101 0001001

GROUNDWATER SAMPLE FILE

NAME OF SAMPLE QUINCE... DRESCHT BATH SPRINGS
 WELL/SHOT/IG NUMBER..... 075-000-075-000

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... DUYEE
 MAP REFERENCE..... HOT SPRING 1124000

COORDINATES

LAT/LONG... 42-40.95 N 115-42.95 W

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/LOCATION..... 1973/07/11 WHITEHEAD NO.
 TEMPERATURE (C)..... 40
 PERCENT LITHOLOGY..... PLIOCENE GRSALY.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 207.
 ALKALINITY..... 103. AS LACOS
 TOTAL DISSOLVED SOLIDS..... 247.
 CHANGE IN BALANCE IN DIFF..... 0.0
 ANALYSIS IN MML

ISOLUPES 10/001

AG.....	CO3.....	H.....	LI.....	0.01	
AL.....	CH.....		NO.....	1.0	
AT..... 0.019	CU.....		NO.....	5132.	09.
AU.....	FE.....	4.5	NO.....	43.	
B..... 0.11	FE.....		NO.....	504.	10.
HA.....	FE.....		NO.....		
CA..... 19.	NO3.....	120.	NO3.....	0.0	
CA.....	NO.....	0.003	NO3.....		
CO.....	NO2.....		NO.....	0.009	
CL..... 8.0					
CO.....					

REFERENCE AND IDENTIFICATION

SAMPLED BY..... DENNIS GEORGE O.
 COLLECTOR AFFILIATION..... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD 1975A

RECUM 00727

GEOTHERM FILE 101 0001250

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE..... 0.1. OPEN WELL OF
 WELL/DRILLING NUMBER..... 775-002-10-CUC 1

LOCATION

COUNTRY..... UNITED STATES WTS CODE 10 50 OF 50 SE 50
 STATE..... IOWA WTS CODE 10 50 OF 50 SE 50
 COUNTY..... IOWA
 TOWNSHIP..... 17
 RANGE..... 17
 SECTION..... 17
 REFERENCE..... SUGAR VALLEY 1124000

COORDINATES

LAT/LONG..... 42-49.49 N 115-45.00 W

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/LOCATION..... 1973/06/16 YOUNG OIL
 TEMPERATURE (C)..... 42.5
 WELL DEPTH (M)..... 150

PERMIT LITHOLOGY..... PLUCENE JOINTED MARGAL

WATER ANALYSIS

DATE ANALYSIS..... U.S. GEOLOGICAL SURVEY
 ANALYST..... 0.5
 SPECIFIC CONDUCTANCE..... 207.
 ALKALINITY..... 103. AS LACOS
 TOTAL DISSOLVED SOLIDS..... 247.
 CHANGE IN BALANCE IN DIFF..... 0.0

ISOLUPES 10/001

AG.....	CO3.....	H.....	LI.....	0.01	
AL.....	CH.....		NO.....	1.0	
AT..... 0.019	CU.....		NO.....	5132.	09.
AU.....	FE.....	4.5	NO.....	43.	
B..... 0.11	FE.....		NO.....	504.	10.
HA.....	FE.....		NO.....		
CA..... 19.	NO3.....	120.	NO3.....	0.0	
CA.....	NO.....	0.003	NO3.....		
CO.....	NO2.....		NO.....	0.009	
CL..... 8.0					
CO.....					

CO..... R..... 5.1
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENHAM, GEORGE D.
 COMPILER AFFILIATION... IDAMO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00720

GEOTHERM. SAMPLE FILE GEOTHERM FILE 101 0001263

NAME OF SAMPLE SOURCE... R.L. MENS WELL AT
 WELL/SPRING NUMBER..... 075-006-76-AUA 1
 LOCATION..... IDANSHIP-HAYVE
 COUNTRY..... UNITED STATES 075 006 26 E OF SE E
 STATE..... IDAHO MENUS BUTSE
 COUNTY..... OATHEE
 GEOLOGIC PROVINCE.. 17
 MIN. REFERENCE..... HOT SPRING 112-000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COMPOSITION
 DATE/LOCATION..... 1973/05/22 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 70.
 WELL DEPTH (M)..... 305.
 DISCHARGE..... 700. L/MIN
 DOMINANT LITHOLOGY..... PLIOGENE SILICIC VOLCANIC MELTS AND BASALT.

WATER ANALYSIS
 ANALYST..... U.S. GEOLOGICAL SURVEY
 SPECIFIC CONDUCTANCE..... 200.
 ALKALITY..... 110. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 200.
 CATIONIC IMBALANCE IN DIFF..... 5.0
 ANIONIC IS IN M/L

INCLUDES 10/001

AG.....	CU3.....	N.....	LI.....	0.02			
AL.....	CO.....		NU.....	2.0			
AS.....	0.001						
AR.....	CO.....		NU.....	3.02	02.		
BA.....	FE.....	3.1	NU.....	30.			
BR.....	FE.....		NU.....	500.	15.		
CA.....	MCU.....	130.	NU.....	0.00			
CR.....	NU.....	0.0013	NU.....	0.00			
CU.....	NU.....		NU.....	0.00			
CL.....	NU.....		NU.....	0.00			
FI.....	NU.....	0.0					

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENHAM, GEORGE D.
 COMPILER AFFILIATION... IDAMO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00720

GEOTHERM. SAMPLE FILE GEOTHERM FILE 101 0001430

NAME OF SAMPLE SOURCE... HAYV RETTERLING WELL
 WELL/SPRING NUMBER..... 075-006-76-AUA 1
 LOCATION..... IDANSHIP-HAYVE
 COUNTRY..... UNITED STATES 075 006 26 E OF SE E
 STATE..... IDAHO MENUS BUTSE
 COUNTY..... OATHEE
 GEOLOGIC PROVINCE.. 17
 MIN. REFERENCE..... HOT SPRING 112-000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COMPOSITION
 DATE/LOCATION..... 1973/05/22 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 70.
 WELL DEPTH (M)..... 305.
 DISCHARGE..... 700. L/MIN
 DOMINANT LITHOLOGY..... PLIOGENE SILICIC VOLCANIC MELTS AND BASALT.

COUNTY..... UNYME
 MAP REFERENCE..... CASTLE BUTTE 1124000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/06/06
 TEMPERATURE (C)..... 42
 WELL DEPTH (M)..... 424
 DISCHARGE..... 114 L/MIN

WATER ANALYSIS

pH..... 8.2
 SPECIFIC CONDUCTANCE..... 609 AS CaCO3
 ALKALINITY..... 329
 TOTAL DISSOLVED SOLIDS..... 474
 CHANGE IN BALANCE IN DIFF..... 5.0

ANALYSIS IN M/L

AG.....	CO3.....	M			
AL.....	CL.....		70.00	0.7	
AU.....	CU.....		43.00	5132	44
Fe.....	Fe.....	7.7	44.00	156	
HA.....	FE3.....		44.00	504	7.3
CA.....	MCU3.....	390	44.00	0.63	
CU.....	MPS.....		44.00	0.00	
CL..... 150					
CO.....					

ISOLUPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... 1100 HANBY
 COMPILED AFFILIATION..... 1100 HANBY
 REFERENCE..... YOUNG AND MITCHELL 1979

RECORD 007300

GEOTERM FILE 111-001109

GEOTERM SAMPLE FILE

NAME OF SAMPLE QUINCE... HANBY RETICULATED WELL

LOCATION

COUNTRY..... UNITED STATES 445 002E 32 50 OF 30 W
 STATE..... IDAHO
 COUNTY..... UNYME
 GEOLOGIC PROVINCE..... 47

MAP REFERENCE..... CASTLE BUTTE 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/07/09 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 43
 WELL DEPTH (M)..... 424
 DISCHARGE..... 114 L/MIN

WATER ANALYSIS..... PLUVIAL SEDIMENTS AND BASALT AND TERTIARY SILTIC VOLCANIC ROCKS

WATER ANALYSIS

DATE ANALYSIS..... 0300 GEOLOGICAL SURVEY
 SPECIFIC CONDUCTANCE..... 609 AS CaCO3
 ALKALINITY..... 329
 TOTAL DISSOLVED SOLIDS..... 474
 CHANGE IN BALANCE IN DIFF..... 2.7

ANALYSIS IN M/L

AG.....	CO3.....	M			
AL.....	CL.....		70.00	0.7	
AU.....	CU.....		43.00	5132	44
Fe.....	Fe.....	7.7	44.00	156	
HA.....	FE3.....		44.00	504	7.3
CA.....	MCU3.....	390	44.00	0.63	
CU.....	MPS.....		44.00	0.00	
CL..... 150					
CO.....					

ISOLUPES 10/001

WELL D OF WATER..... 1100

Al.....	0.005	CR.....	40....	0.7	SC....	DEL 01101 OF WATER...	-17.4
AS.....		CU.....	40....		5132.	110.	
AU.....		FE.....	0.7	NA....	150.		
H.....	1.	FE+3....		NA+R.	50....	5.2	
HR.....		MCOS....	383.	WUS..	0.7		
CA.....	5.0	MO.....	0.0033	PUR..	0.25		
Ca+6.		MZS.....					
CO.....							
CL.....	17.						
CO.....							

GAS ANALYSIS

ANALYSIS IN VOLUME %

ISOTOPES 100201

CH ₄ ...	Ave		
C ₂ H ₆ ...		42....	30.
C ₂ H ₄ ...	L 1.0	02....	1.
H ₂ ...	L 0.3		

MEMORANDUM AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.

COMPLETION AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD 1973a; HIGHTHIRE AND OTHERS 1976 (ISOTOPE DATA)

RECORD 00731

GEOTHERM FILE 101 0001202

GEOGRAPHIC SAMPLE TITLE

NAME OF SAMPLE SOURCE... BENTLEY BLANK WELL

WELL/PORTAL NUMBER... 015-002-15-ACD 1

LOCATION

COUNTY..... UNIT... I STATE... U.S. GEOLOGICAL SURVEY

COORDINATES

LAT/LONG... 42-40.95 N 115-57.04 W

STATE..... ID. 11

COUNTY..... UNIT... MONTANA DISTRICT

REGIONAL PROVINCE... 17

MAP REFERENCE... LITTLE VALLEY 112400

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COLLECTION

DATE OF COLLECTION... 1973/06/12 TOWN

TEMPERATURE (C)..... 33

WELL DEPTH (M)..... 325

ISOTHERM..... 1003, L/M

PRIMARY LITHOLOGY..... PLIOCENE JOINTED BASALT AND SILTIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 400

SPECIFIC CONDUCTANCE..... 359

ALKALINITY..... 101 AS LACED

TOTAL DISSOLVED SOLIDS... 323

CATIONS BALANCE IN DIFF..... 15.0

ANIONS IN MUSE

ISOTOPES 100201

AG..... CO₃..... M..... LI..... 0.03AL..... CO₃..... M..... LI..... 0.03

AS..... 0.012

AU..... CU..... 40.... 5132. 100.

H..... FE..... 10. 40.... 50.... 50.

HR..... FE+3.... 40.... 50.... 50.

CA..... MCOS.... 173. WUS.. 0.0

Ca+6. MO..... 0.0033 PUR.. 0.12

CO..... MZS.....

CI.... 9.9
 CO.... K.... 9.9
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE D.
 COMPILED AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975A

RECORD 00732

WORTHEN SAMPLE FILE

GEUTHEM FILE 101 0025336

NAME OF SAMPLE SOURCE... RICHENT COFFELY WELL
 WELL/SPRING NUMBER..... NIN-000-12-00A1

LOCATION

IDENTIFICATION

COORDINATES

COUNTRY..... UNITED STATES 014 0044 12 W OF SE W

LAT/LONG... 43-20.42 N 110-40.03 W

STATE..... IOWA

COUNTY..... OUTWEE

GEOLOGIC PROVINCE... 17

WATER REFERENCE..... UNALIE DULCH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27

WELL DEPTH (M)..... 29

REFERENCE AND IDENTIFICATION

COMPILED BY..... WIDEGAYETA, KIM M.

COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00733

WORTHEN SAMPLE FILE

GEUTHEM FILE 101 0025340

NAME OF SAMPLE SOURCE... RICHENT DAVIS #2

WELL/SPRING NUMBER..... 005-032-70-00

LOCATION

IDENTIFICATION

COORDINATES

COUNTRY..... UNITED STATES 005 0032 24 W OF SE

LAT/LONG... 42-52.23 N 116-04.52 W

STATE..... IOWA

COUNTY..... OUTWEE

GEOLOGIC PROVINCE... 17

WATER REFERENCE..... SHANN VILK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20

WELL DEPTH (M)..... 24

DISCHARGE..... 5461 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... WIDEGAYETA, KIM M.

COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00734

WORTHEN SAMPLE FILE

GEUTHEM FILE 101 0025339

NAME OF SAMPLE SOURCE... RICHENT DAVIS WELL #1

WELL/SPRING NUMBER..... 005-032-23-00

LOCATION

IDENTIFICATION

COORDINATES

COUNTRY..... UNITED STATES 005 0032 23 W OF SE

LAT/LONG... 42-52.93 N 116-04.00 W

STATE..... IOWA

COUNTY..... OUTWEE

GEOLOGIC PROVINCE... 17

LOCATION.....
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BUTTE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... SUGAR VALLEY 1124000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/07/17 WHITEHEAD AND YOUNG
 TEMPERATURE (C)..... 25
 ELI DEPTH (M)..... 45
 DISCHARGE..... 1325 L/MIN
 PRESENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS
 WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... 0.4
 SPECTRIC CONDUCTANCE..... 301
 ALKALINITY..... 62 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 294
 CHARGE IMBALANCE IN DIFF. 1.4
 ANALYSIS IN MPP

ISOTOPES (PROM)1

AG....	CO3....	Li....	0.02
AL....	Ca....	Mg....	2.3
AS.... 0.004	Ci....	Na....	5102. 99.
AR....	Fe....	NO....	510. 99.
BA.... 0.12	HC03....	NO3....	504. 99.
BR....	NO3....	NO3....	0.15
CA.... 100	NO3....	NO3....	0.12
CR....	NO3....	NO3....	0.001
CO....	NO3....	NO3....	0.001
CL.... 100	NO3....	NO3....	0.001
CO....	NO3....	NO3....	0.001

REFERENCE AND IDENTIFICATION

COMPILED BY..... JENNIFER GEORGE
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD 1975A

SECOND OUTST

GEOTHERM FILE 101 0001232

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RAND UNRES PAVES WELL
 WELL/SPRING NUMBER... 005-JTE-000-HHA 1

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BUTTE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... SUGAR VALLEY 1124000

COORDINATES

LAT/LONG... 42-55.30 N 115-39.17 W

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/28 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 25
 ELI DEPTH (M)..... 111
 PRESENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P4..... 7.0
 SPECIFIC CONDUCTANCE..... 1210.
 ALKALINITY..... 435. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 431.
 CHARGE IMBALANCE 14 DIFF..... 3.2
 ANALYSIS IN MG/L

PHOSPHORUS 10/001

AG.....	CO3.....	N.....	LI.....	0.20		
AL.....	CA.....		MG.....	17.		
AS..... 0.00						
AU.....	CU.....		MG.....	512.	07.	
AR..... 0.20	FE.....	0.7	MG.....	2.0.	50.	250.
HA.....	FE3.....		MG.....			
CA..... 200	MGU3.....	530.	MG3.....	0.01		
CA+G.	MG.....					
CO.....	N2S.....		PV.....	0.12		
CL..... 17.						
CO.....						

REFERENCE AND IDENTIFICATION

SAMPLED BY..... NEWMAN, GEORGE D.
 SAMPLE AFFILIATION..... PUANO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEMAN, 1973

RECORD 00738

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025306

WELL SAMPLE SOURCE..... STYLES AND WELLY WELL NO. 2
 WELL SPRING NUMBER..... 023-024-35-AL03
 LOCATION..... LUNGSBIL-BAVE
 COUNTRY..... UNITED STATES 43-12.35 N 116-32.24 W
 STATE..... IOWA
 COUNTY..... JEFFERSON

COORDINATES

LATITUDE..... 43-12.35 N 116-32.24 W

GEOLGIC PROVINCE..... 17
 WUP REFERENCE..... SILVER CITY 1102500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.
 WELL DEPTH (M)..... 751.
 FLOW RATE..... 11340 LPM

REFERENCE AND IDENTIFICATION

SAMPLED BY..... WIDEWATER, RIM
 SAMPLE AFFILIATION..... PUANO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1940

RECORD 00739

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025305

WELL SAMPLE SOURCE..... STYLES AND WELLY WELL NO. 3
 WELL SPRING NUMBER..... 023-024-35-BA03
 LOCATION..... LUNGSBIL-BAVE
 COUNTRY..... UNITED STATES 43-12.74 N 116-31.34 W
 STATE..... IOWA
 COUNTY..... JEFFERSON

COORDINATES

LATITUDE..... 43-12.74 N 116-31.34 W

WUP REFERENCE..... SILVER CITY 1102500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 37.
 WELL DEPTH (M)..... 751.
 FLOW RATE..... 7142 LPM

CO.... 1201
 CL.... 0.03
 CO.... 0.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM GEORGE D.
 COMPILED AFFILIATION... THAIWU DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD 1975A

RELUND 00742

GEOGRAPHIC SAMPLE FILE

GEUTHEM FILE 101 0001215

NAME OF SAMPLE SOURCE... THIANHLE DAIRY WELL

WELL/SPRING NUMBER..... NO-03E-11-DAD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 405 403E 11 SE OF NE SE

LAT/LONG... 42-54-02 N 110-03-4 W

STATE..... IOWA 405 403E 11 SE OF NE SE

COUNTY..... IOWA 405 403E 11 SE OF NE SE

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... GRAND VIEW 1124000

OTHER LOCALITY INFORMATION LOCATION APPROPRIATE

SAMPLE DESCRIPTION AND LOGISTICS

DATE/COLLECTION..... 1973/07/25 YOUNG AND WHITEHEAD

TEMPERATURE (T)..... 74

WELL DEPTH (M)..... 427

PRESENT LITHOLOGY..... PLIOGENE AND PLEISTOCENE SEDIMENTS AND PLIOGENE BASALT (2)

WATER ANALYSIS

DATE ANALYST..... U.S. GEOLOGICAL SURVEY

ANALYST..... 105

SPECIFIC CONDUCTANCE..... 125

ALKALINITY..... 127 AS CaCO3

TOTAL DISSOLVED SOLIDS... 350

CATIONS: IMBALANCE IN DIFF. 2.2

ANALYSIS IN MUGL

SLOPES 10/001

ANALYST..... CO3..... 0.05

ANALYST..... CH..... 0.0

ANALYST..... AN..... 0.0

ANALYST..... CU..... 0.00

ANALYST..... Fe..... 0.00

ANALYST..... FL..... 0.00

ANALYST..... HCO3..... 0.00

ANALYST..... H2O..... 0.00

ANALYST..... H2S..... 0.00

ANALYST..... H2S..... 0.00

ANALYST..... H2S..... 0.00

ANALYST..... H2S..... 0.00

ANALYST..... H2S..... 0.00

ANALYST..... H2S..... 0.00

ANALYST..... H2S..... 0.00

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ANALYST..... H2S..... 0.00

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ANALYST..... H2S..... 0.00

ANALYST..... H2S..... 0.00

ANALYST..... H2S..... 0.00

ANALYST..... H2S..... 0.00

ANALYST..... H2S..... 0.00

RELUND 00743

GEOGRAPHIC SAMPLE FILE

GEUTHEM FILE 101 0001567

NAME OF SAMPLE SOURCE... HANNAH SPRING NEAR GIVENS MOT SPRING 101

WELL/SPRING NUMBER..... HANNAH-21-ACD15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 405 403E 21 SE OF SE SE

LAT/LONG... 43-24-56 N 110-01-03 W

STATE..... IOWA 405 403E 21 SE OF SE SE

COUNTY..... IOWA 405 403E 21 SE OF SE SE

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... GRAND VIEW 1124000

OTHER LOCALITY INFORMATION LOCATION APPROPRIATE

STATE..... IDAHO
 COUNTY..... UNMPE
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... GIVENS MUD SPRINGS 1124000
 SAMPLE DESCRIPTION AND LOCATIONS
 DATE/COLLECTOR..... 1970/06/14
 TEMPERATURE (C)..... 50.0
 DISCHARGE..... 15. L/MIN
 WATER ANALYSIS

P..... 9.2
 SPECIFIC CONDUCTANCE..... 340.
 ALKALINITY..... 100. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 349.
 CHARGE IMBALANCE IN DIFF..... 0.9

ANALYSIS IN MG/L

AG.....	CO3.....	34.	LI.....	0.009	55.....
AL.....	CU.....		MO.....	0.1	50.....
AS..... 0.001					
AI.....	CU.....		MO.....	5132.	07.
HA..... 0.24	FE.....	13.	NA.....	130.	
	FE3.....		NA.....	50.....	01.
HE.....	FE4.....		NO.....	34.....	
CA..... 3.4	HC03.....	140.	NO3.....	0.10	
CA.....	HC03.....	0.0001	PO4.....	0.03	
CO.....	MA.....				
CL..... 700					
CO.....		2.6			

SLOPES (0/00)

DEL D OF WATER..... -15.
 DEL D OF WATER..... -10.0

TITRIM (T.O.)..... 3.0 ± 0.2

OTHER ANALYTICAL DATA... TITRIM ANALYZED BY T. J. DRENNAN, U.S.G.S. REGION 9.
 QUALIFICATION FIELD... CALCULATED TOTAL DISSOLVED SOLIDS NOT INCLUDES WATER PH WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... L. E. HANCOCK
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND LEWIS, 1960

RECORD 00746

GEOTHERM FILE 101 0025330

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNKNOWN WELL
 WELL/SAMPLING NUMBER... 1124000-10-0001

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... UNMPE
 GEOLOGIC PROVINCE... 17

MAP REFERENCE..... GIVENS MUD SPRINGS 1124000
 SAMPLE DESCRIPTION AND LOCATIONS
 TEMPERATURE (C)..... 50.0
 REFERENCE AND IDENTIFICATION

COMPILED BY..... R. E. HANCOCK
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MITCHELL AND OTHERS, 1960

RECORD 00745

GEOTHERM FILE 101 0001231

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNKNOWN WELL IN INDIAN COVE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/05/22 YOUNG HILL
 TEMP/WAT ME (C)..... 45
 ELI DEPTH (M)..... 430
 DISTANCE..... 9350 L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P..... 8.0
 SPECIFIC CONDUCTANCE..... 274
 ALKALINITY..... 102 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 241
 CHARGE IMBALANCE (a DIFF).... 2.7

ANALYSIS IN MG/L

ENCLOSURES 10/001

AG.....	CO3.....	LI.....	6.02
AL.....	CR.....	MG.....	1.9
AS..... 0.004	CU.....	NO.....	5132. 80.
AI..... 0.04	F..... 3.7	NA.....	50.. 15.
HA.....	FE.....	NO3.....	0.6
CA..... 16.	HC03..... 124.	PO.....	0.03
CA-M.....	MG..... 0.0003		
CI.....	MS.....		
CL..... 0.4			
CO.....			

REFERENCE AND IDENTIFICATION

COMPILED BY..... NINIANO GEORGE D.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD 1975B

RECORD 00747

GEOGRAPHIC FILE 101 0001505

GEOGRAPHIC SAMPLE FILE

NAME & SAMPLE SOURCE... UNNAMED WELL NORTH OF DEER HATCH

WELL/SAMPLING NUMBER..... 055-03E-14-CH01

LOCATION

INDUSTRIAL RANGE

COORDINATES

COUNTRY..... UNITED STATES

U.S. 03E-14 W OF W 50

LAT/LONG... 42-59.35 N 116-04.58 W

STATE..... IDAHO

MONTANA

COUNTY..... Owyhee

LOCALITY..... 17

WATER RESOURCES..... UNNAMED 112-000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1973/07/23

TEMP/WAT ME (C)..... 50.5

ELI DEPTH (M)..... 701

DISTANCE..... 710 L/MIN

WATER ANALYSIS

P..... 4.0
 SPECIFIC CONDUCTANCE..... 419
 ALKALINITY..... 124 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 302
 CHARGE IMBALANCE (a DIFF).... 7.0

ANALYSIS IN MG/L

ENCLOSURES 10/001

DEL D OF WATER..... -140
 DEL U1001 OF WATER... -17.0

AG.....	CO3.....	LI.....	0.01
AL.....	CR.....	MG.....	5400
AS..... 0.004	CU.....	NO.....	5000

AU....	1.4	CH.....	40....	5132..	61..
HA.....		FE.....	91..	504..	10..
CA.....	2.4	MC03....	403..		
CA+6..		MG.....			
CO.....		MS.....	PU... 0.15		
CL.....	10..				
CO.....					

QUANTIFICATION FIELD..... NO3 INCLUDES NO2
REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEN, HANUY

COMPILED AFFILIATION... 11-5-65

REFERENCE..... YOUNG AND WHITEHEAD 1975a8 HIGHTIME AND OTHERS 1976 (ISOTOPE DATA)

RECORD 00740

GENTLEMEN SAMPLE FILE

GENTLEMEN FILE 101 0001560

NAME OF SAMPLE SOURCE... UNKNOWN WELL SE OF MUMPHYS

WELL/SPRING NUMBER..... 025-024-35-0C03

LOCATION

ILLINOIS-INDIANA

COORDINATES

LAT/LONG... 43-12.54 N 116-32.30 W

COUNTRY..... UNITED STATES 025 0020 35 W OF 50 W

STATE..... IOWA MENTUS 0015E

COUNTY..... DAVENPORT

GEOLOGICAL PROVINCE... 47

MAP REFERENCE..... SILVER CITY 112-000

DIRECT LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CUMULATIONS

DATE OF COLLECTION..... 1977/06/13

TEMPERATURE (C)..... 40.0

FLUORIDE (M)..... 102

DISCHARGE..... 1.4635 L/MIN

WATER ANALYSIS

PH..... 7.0

SPECIFIC CONDUCTANCE..... 430

ALKALINITY..... 140 AS (AC03)

TOTAL DISSOLVED SOLIDS... 331

CHARGE IMBALANCE IN DIFF..... 2.1

ANALYSIS IN MUM

AG..... CO3..... 440

AL..... CH..... 2.7

AN..... FE..... 1

AR..... MC03..... 710

AS..... MS..... 0.0001

AT..... MS..... 0.0001

CA..... PU... 0.15

CL.....

CO.....

CR.....

CU.....

CV.....

CW.....

CX.....

CY.....

CZ.....

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RECORD 00749

GEOTHERM FILE 101 0001571

GEOTHERM SAMPLE LABEL

NAME OF SAMPLE SOURCE... UNNAMED WELL SOUTH OF DE LAMAR 4TH
WELL SPRING NUMBER... DSS-044-00-A081

LOCATION

COUNTRY... UNITED STATES
STATE... IDAHO
COUNTY... BUTTE
MAP REFERENCE... HOUSTON CUMM DEAN 1324000
OTHER LOCALITY INFORMATION... LOCATION APPROXIMATE

IDWYSHIP-RANGE

DSS 0040 00 W OF SE NE
MENTOR NOISE

COORDINATES

LAT/LONG... 43-00-30 N 116-49-02 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1978/06/13
TEMPERATURE (C)... 70.0
WELL DEPTH (M)... 410
DISCHARGE... 0.000 L/MIN

WATER ANALYSIS

pH... 7.5
SPECIFIC CONDUCTANCE... 240
ALKALINITY... 20 AS CaCO3
TOTAL DISSOLVED SOLIDS... 153
CHARGE IMBALANCE IN DIFF... 0.0

ANALYSIS IN MG/L

AG...	CO3...	N	LI...	0.000
AL...	Ca...		Na...	0.9
AS...	0.013			
AT...				
BA...	0.002			
BR...				
CA...	130			
CL...				
CO...				
CU...				
FE...				
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VB...				
VC...				
VD				

DATE/COLLECTION..... 1978/06/27
TEMPERATURE (C)..... 26.5
WET DEPTH (M)..... 707.
DISCHARGE..... E 121. L/MIN
DATA ANALYSIS

PH.....	7.9	
SPECIFIC CONDUCTANCE.....	379.	
ALKALINITY.....	120.	AS CaCO3
TOTAL DISSOLVED SOLIDS.....	202.	
CHANGE IN BALANCE TO DIFF. 1....	6.3	
ANALYSIS IN MBL		

[illegible]

WATER FILLED..... CALCULATED TOTAL DISSOLVED SOLIDS WAS 4021 PPM WAS CALCULATED FROM TOTAL P

NEEDS AND IDENTIFICATION

COMPILED BY..... JIM HANUT/
COMPILED AFFILIATION..... U.S. GEOLOGICAL SURVEY
REFERENCE..... YOUNG AND LEIS, 1990

RECORD 00751

GEUTHEN + IL 101 002550

Smallville

NAME OF SAMPLE SURFACE... NO. OF WELLS
WELL NUMBER... AREA...
100.00

LYSTIP-PAVE

Footnotes

141744000 43-1367 N 115-34.18

UNITED STATES
COUNTY..... UNITED STATES..... 025 0020 83 00 00 00 00
STATE..... JUAN P.....
CITY..... UNYME.....
GEOLOGIC PROVINCE.....
WATER REFERENCE..... ALIENS BUTTE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE	(6)	TO
ELEVATION	(7)	774
DIRECTION		737

THE AMERICAN

EMPLOYEE ID..... HIBEGANETAO, RIM M.
EMPLOYEE AFFILIATION... IOWA DEPT. OF WATER RESOURCES
INTERACT..... MITCHELL AND DUMAS 1990

RECONO 00752

WASHINGTON FILE 101 0025366

7501 4th St. S. Minneapolis, MN 55425

NAME OF SAMPLE SUITE... DATE SMITH...
WILLIAM TO NUMBER... 045-088-08-AMG
LOCATED:

100-441684-10

C448013A123

LAIR/UNO... 43-06-72 N 110-23.03

COUNTY - 4 UNITED STATES ~~1045011P-00000~~
 STATE 1045011P 045 001E 00 00 00 00 00

COUNTY..... UNYEE
 MAP REFERENCE..... UNYEE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 72.
 WELL DEPTH (M)..... 213.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEWAYETA, KIM M.
 COMPILED AFFILIATION..... IJAMU DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00753

GEOTHERMAL FILE 101 0025370

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... WES - CON INC. WELL
 WELL/SPRING NUMBER..... 045-02E-19-ACC

LOCATION..... WELL/SHIP NAME

COORDINATES

LAT/LONG... 43-03.02 N 116-15.73 W

COUNTY..... UNITED STATES 045 02E 19 50 OF 50 SE

STATE..... IJAMU

COUNTY..... UNYEE

MAP REFERENCE..... CASTLE HUTTE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 62.

WELL DEPTH (M)..... 930.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAYETA, KIM M.

COMPILED AFFILIATION..... IJAMU DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00750

GEOTHERMAL FILE 101 0001102

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... WESLEY MININGS WELL

WELL/SPRING NUMBER..... 014-000-12-000

LOCATION..... WELL/SHIP NAME

COORDINATES

LAT/LONG... 43-26.3 N 116-45.58 W

COUNTY..... UNITED STATES 014 000 12 00 OF 40 SE

STATE..... IJAMU

COUNTY..... UNYEE

GEOTHERMAL PROVINCE... 17

MAP REFERENCE..... UNYEE WELCH 1124000

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE OF COLLECTION..... 1972/06/13 MITCHELL J. AND YOUNG, BILL

TEMPERATURE (C)..... 75.5

WELL DEPTH (M)..... 145.

TEMPERATURE..... 155.0 C/M

MINERAL/LITHOLOGY..... PLIocene sediments and basalt.

WATER ANALYSIS

GEOLOGICAL SURVEY

P..... 752

ELECTRIC CONDUCTANCE..... 483.

ALKALINITY..... 170.

TOTAL DISSOLVED SOLIDS..... 346.

CHANGE IN SALINITY (A DIFFERENCE)..... 800.

ANALYSIS IN MUAL

C03..... M

C05.....

M000

ISOLOPES (2000)

RI.....	CU.....	7.9	NO.....	5102.	40.
HA.....	FE.....	214.	NA.....	110.	
HA.....	FE.....		NA.....	504.	0.8
CA.....	MC03.....	214.	NO3.....	0.64	
CO.....	MC5.....		PO4.....	0.01	
CL.....	MC5.....				
CO.....	MC5.....				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.
 COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL 1973

RECORD 00755

GEOTHERM FILE 101 0025355

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE..... WILSON MASTER WELL
 WELLSPRING NUMBER..... 075-03E-12-ACC

LOCATION

IDaho-Idaho

COLUMBIAS

COUNTRY..... UNITED STATES
 STATE..... IDAHO

LAT/LONG..... 42-49.00 N 110-02.41 W

COUNTRY..... IDAHO

GEOLOGIC PROVINCE..... 17

MAP REFERENCE..... CHALK HILLS 1124000

SAMPLE DESCRIPTION AND LOCATIONS

TEMPERATURE (°C)..... 70

WELL DEPTH (M)..... 240

WELL DIAMETER..... 7570 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... ALLEGAN, ALAN M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS 1970

RECORD 00756

GEOTHERM FILE 101 0001229

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE..... WILSON WILSON WELL 01
 WELLSPRING NUMBER..... 075-03E-01-ACC

LOCATION

IDaho-Idaho

COLUMBIAS

COUNTRY..... UNITED STATES
 STATE..... IDAHO

LAT/LONG..... 42-55.05 N 115-34.07 W

COUNTRY..... IDAHO

GEOLOGIC PROVINCE..... 17

MAP REFERENCE..... CHALK HILLS 1124000

SAMPLE DESCRIPTION AND LOCATIONS

TEMPERATURE (°C)..... 1973/03/01 YOUNG AND MITCHELL

WELL DEPTH (M)..... 705

WELL DIAMETER..... 7570 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... ALLEGAN, ALAN M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS 1970

ANALYSIS

DATE ANALYST..... 05.05.05 GEOLOGICAL SURVEY

ANALYST..... 05.05.05

GEOLOGIC CONSULTANCE..... 1240

ANALYST..... 05.05.05

ANALYST..... 05.05.05

C-ANALYSE I-BALANCE (+ DIFF.)... 1.5

ANALYSIS IN MO/L

ISOTOPIES 10/001

AG....	CO3.... N	L1....	0.23		
AL....	CH....	MO....	0.0		
AS.... N	CU....	NU....	512.	73.	
AU....	FE....	NA....	260.		
4.... 1.3	FE+3....	NA+3....	504.	3.0	
HA....	MCU3....	NU3....			
CA.... 7.0	MO.... N				
CA+10.					
CL.... 0.0					
CO....					
CO....					

GAS ANALYSIS

ANALYSIS IN VOLUME %

ISOTOPIES 100/01

CH4....	21.		
C2H4....			
CO2....	1.1		
H2....	1.0		

HEPHERN AND JEWETT COLLECTION

COMPILED BY..... NEWMAN GEORGE O.

COMPILED AFFILIATION... IJAMO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD 1975A

RECORD 00757

GEUTHEM FILE 101 0001230

IDENTIFY SAMPLE FILE

NAME A SAMPLE SOURCE... WILLIAM WILSON WELL #2

WELL SPRING NUMBER..... 045-01-000 3

LOCATION

TOWNSHIP-4444

COORDINATES

LATITUDE... 42-55.70 N 115-33.03 W

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... UTAH

GEOLOGIC PROVINCE... COLUMBIA PLATEAU

HORIZONTAL REFERENCE... 112400

DINEZ LOCALITY INFORMATION... LOCATION APPROPRIATE

SAMPLE DESCRIPTION AND ANALYSIS

DATE/COLLECTION..... 1973/00/01 YOUNG AND WHITEHEAD

ISOTOPIC ANALYSIS..... 73

WELL BENTH INFORMATION... 700

ISOTOPIC ANALYSIS..... 700

PENTHENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS

ANALYSIS

ANALYSIS..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 1170

ANALYSIS..... AS LACED

TOTAL DISSOLVED SOLIDS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

ANALYSIS..... 1100

CA-6. 7%
 CL-6. 7%
 CO-6. 7%
 GAS ANALYSIS
 ANALYSIS IN VOLUME %
 CH-6. 35%
 C2H-6. 35%
 CO-6. L 1%
 H2-6. L 0.1%
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENHAM GEORGE D.
 COMPILED AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

ISOTOPES 100/01

RECORD 00750

OBTAINING SAMPLE TITLE

GEOTHERMAL FILE NO 0061212

NAME OF SAMPLE SOURCE... WILLIAM BUNT WELL
 WELL SPRING NUMBER..... 06503E-04-MCC 1

LOCATION
 COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... IOWA
 GEOLOGIC PROVINCE... 17

COORDINATES
 LATITUDE... 42-55.87 N
 LONGITUDE... 90-04.92 W

MAP REFERENCE..... SPAN V12 112000
 DUNE LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COLLECTION
 DATE COLLECTION..... 1973/06/06 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 49
 FLI DEPTH (M)..... 512

DEPTH OF LITHOLOGY..... PLIOCENE BASALT (7) AND SEDIMENTS

WATER ANALYSIS
 DATE ANALYST..... U.S. GEOLOGICAL SURVEY

pH..... 7.0
 SPECIFIC CONDUCTANCE..... 530
 ALKALINITY..... 171 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 390
 CHARGE IMBALANCE (C DIFF)..... 0.0

ANALYSIS IN MUGL
 CO-6. 7%
 CL-6. 7%
 CO-6. 7%
 CH-6. 35%
 C2H-6. 35%
 CO-6. L 1%
 H2-6. L 0.1%
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENHAM GEORGE D.
 COMPILED AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

ISOTOPES 100/01

RECORD 00759

GEOTHERM FILE 101 0001185

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILLIAM COX WELL NO. 1
 WELL SPRING NUMBER... 045-01E-25-CCO 1
 LOCATION... IOWASHIP-RANGE
 COUNTY... UNITED STATES 245 001E 25 SE OF 50 50
 STATE... IOWA 104ND
 COUNTY... IOWA 104ND
 GEOLOGIC PROVINCE... 17
 MSP REFERENCE... CASTLE BUTTE 1124000

COORDINATES

LAT/LONG... 43-02.47 N 116-17.34 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1973/07/24 WHITEHEAD AND TUNNUS BILL
 TEMPERATURE (C)... 30.0
 DISCHARGE... 17. LPM

PERTINENT LITHOLOGY... PLEISTOCENE AND PLEISTOCENE SEDIMENTS.

ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

RESISTIVITY... 7.3
 SPECIFIC CONDUCTANCE... 1420.

ALKALINITY... 701. AS CaCO3

TOTAL DISSOLVED SOLIDS... 400.

CHARGE BALANCE IN DIFF... 3.0

ANALYSIS IN MG/L

ISOTOPES IN PER MIL

AG...	CO3...	N	11...	0.01		
AL...	CH...		40...	2.9		
AS...	0.004					
AT...	CH...		40...	512.	100.	
HA...	1.0	0.0	40...	310.		
HA...	FE...		40...	500.	5.5	
CA...	MCU...	952.	403...	0.02		
CR...	MCU...	N				
CO...	MCU...		0.00	0.17		
CL...	MCU...					
CH...	MCU...	29.				

QUALIFICATION FIELD... DOES INCLUDES NO2

REFERENCE AND IDENTIFICATION

CAMPILIN HY... TUNNUS GEUNGE O.
 CAMPILIN AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE... WHITEHEAD AND TUNNUS 1973

RECORD 00760

GEOTHERM FILE 101 0001186

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILLIAM COX WELL NO. 2
 WELL SPRING NUMBER... 045-01E-25-CCO 1
 LOCATION... IOWASHIP-RANGE
 COUNTY... UNITED STATES 245 001E 25 SE OF 50 50
 STATE... IOWA 104ND
 COUNTY... IOWA 104ND
 GEOLOGIC PROVINCE... 17
 MSP REFERENCE... CASTLE BUTTE 1124000

COORDINATES

LAT/LONG... 43-03.13 N 116-18.10 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1973/06/28 TUNNUS AND WHITEHEAD
 TEMPERATURE (C)... 31.0
 DISCHARGE (LPM)... 41.0

DISCHARGE..... 19. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.
 WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P1..... 703
 SPECIFIC CONDUCTANCE..... 1100.
 ALKALINITY..... 020. AS CAC03
 TOTAL DISSOLVED SOLIDS..... 703.
 CHARGE BALANCE (A DIFF.)..... 3.0

ANALYSIS IN MG/L

AG.....	CO3.....	LI.....	0.70	50.....	
AL.....	CL.....	MG.....	2.0	SC.....	
AS.....	CU.....	NO.....		SI02.....	90.
AT.....	FE.....	NA.....	250.	SO4.....	3.0
BA.....	HC03.....	NO3.....	0.01		
CA.....	MG.....	P0.....	0.49		
CB.....	NO.....				
CD.....					
CE.....					
CF.....					
CG.....					
CH.....					
CI.....					
CJ.....					
CK.....					
CL.....					
CM.....					
CN.....					
CO.....					
CP.....					
CQ.....					
CR.....					
CS.....					
CT.....					
CU.....					
CV.....					
CW.....					
CX.....					
CY.....					
CZ.....					
DA.....					
DB.....					
DC.....					
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NE.....					
NF.....					
NG.....					
NH.....					
NI.....					

RECORD 00764

GEOTHERM FILE 101 0025374

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ALBERT COATES WELL
WELL SPRING NUMBER... 04N-030-21-BUC

LOCATION

ISLAND-NAME

COORDINATES

LAT/LONG... 44-06.19 N 116-42.30 W

COUNTRY... UNITED STATES UTM 0030 21 50 OF 50 W

STATE... IOWA

COUNTY... PAYETTE

GEOLOGIC PROVINCE... 17

MAP REFERENCE... SHEED RIDGE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 75

FLU DEPTH (M)... 112

COUNTRY... 1514 LAMIN

REFERENCE AND IDENTIFICATION

COMPILED BY... MINEGAVETAS RIM M.

COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS 1900

RECORD 00765

GEOTHERM FILE 101 0025375

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JAMES LINTY WELL
WELL SPRING NUMBER... 04N-030-25-300

LOCATION

ISLAND-NAME

COORDINATES

LAT/LONG... 43-54.92 N 116-52.91 W

COUNTRY... UNITED STATES UTM 0030 25 50 OF 50 W

STATE... IOWA

COUNTY... PAYETTE

MAP REFERENCE... 11550 112-000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 75

FLU DEPTH (M)... 107

REFERENCE AND IDENTIFICATION

COMPILED BY... MINEGAVETAS RIM M.

COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS 1900

RECORD 00766

GEOTHERM FILE 101 0025376

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JAMES HOSTER WELL
WELL SPRING NUMBER... 04N-030-27-000

LOCATION

ISLAND-NAME

COORDINATES

LAT/LONG... 44-02.41 N 116-52.09 W

COUNTRY... UNITED STATES UTM 0040 27 50 OF 50 W

STATE... IOWA

COUNTY... PAYETTE

MAP REFERENCE... HINDEN ISLAND 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 75

FLU DEPTH (M)... 75

REFERENCE AND IDENTIFICATION

COMPILED BY... MINEGAVETAS RIM M.

COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS 1900

RECORD 00707

GEOTHERM FILE 101 0025300

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LEE NEED WELL
WELL SPRING NUMBER... 09N-030-35-000

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 0050 30 40 OF 30 50
STATE..... IDAHO
COUNTY..... PAYETTE
GEOLOGIC PROVINCE... 17
MAP REFERENCE..... PAYETTE 1024000

LAT/LONG... 44-04-20 N 110-34-50 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (F)..... 29
WELL DEPTH (M)..... 49

REFERENCE AND IDENTIFICATION

COMPILED BY..... M. DEGANETAS RIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00708

GEOTHERM FILE 101 0025370

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WIRE MORGUE WELL
WELL SPRING NUMBER... 09N-030-33-000

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 0050 30 40 OF 30 50
STATE..... IDAHO
COUNTY..... PAYETTE
GEOLOGIC PROVINCE... 17
MAP REFERENCE..... WYSSA 1024000

LAT/LONG... 43-54-54 N 110-30-20 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (F)..... 200
WELL DEPTH (M)..... 500

REFERENCE AND IDENTIFICATION

COMPILED BY..... M. DEGANETAS RIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00709

GEOTHERM FILE 101 0025370

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NELSON DEEP 02
WELL SPRING NUMBER... 09N-030-30-000

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 0050 20 40 OF 30 50
STATE..... IDAHO
COUNTY..... PAYETTE
GEOLOGIC PROVINCE... 17
MAP REFERENCE..... PAYETTE 1024000

LAT/LONG... 43-50-07 N 110-53-30 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (F)..... 200

REFERENCE AND IDENTIFICATION

COMPILED BY..... M. DEGANETAS RIM M.
COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00770

GEOTHERMAL FILE 101 0025375

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... NELSON DEPPE WELL #1

WELL/SPRING NUMBER... DON-005-13-C00

LOCATION

INVENTORY-RANGE

COORDINATES

COUNTRY... UNITED STATES 004 0050 13 NE OF NW 50

LAT/LONG... 43-51-41 N 116-53-56 W

STATE... IDAHO

COUNTY... PAYETTE

TWP & RANGE... T4N R12E

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 22

WELL DEPTH (M)... 100

REFERENCE AND IDENTIFICATION

COMPILED BY... MINEGARTER, R. M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1990

RECORD 00771

GEOTHERMAL FILE 101 0025381

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... WALTER SMITH WELL

WELL/SPRING NUMBER... DON-005-14-D00

LOCATION

INVENTORY-RANGE

COORDINATES

COUNTRY... UNITED STATES 004 0050 14 NE OF SE SE

LAT/LONG... 44-05-07 N 116-45-00 W

STATE... IDAHO

COUNTY... PAYETTE

TWP & RANGE... T4N R12E

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 22

WELL DEPTH (M)... 100

REFERENCE AND IDENTIFICATION

COMPILED BY... MINEGARTER, R. M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1990

RECORD 00772

GEOTHERMAL FILE 101 0025380

GEOTHERMAL SAMPLE FILE

NAME OF SAMPLE SOURCE... DON, THOMAS WELL

WELL/SPRING NUMBER... DON-005-15-D00

LOCATION

INVENTORY-RANGE

COORDINATES

COUNTRY... UNITED STATES 004 0050 15 SE OF SE SE

LAT/LONG... 42-43-43 N 112-52-30 W

STATE... IDAHO

COUNTY... PAYETTE

TWP & RANGE... T4N R12E

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 22

WELL DEPTH (M)... 100

REFERENCE AND IDENTIFICATION

COMPILED BY... MINEGARTER, R. M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1990

REC'D 00773

GEOTHERM FILE 101 0025385

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FUEL WAYER WELL
WELL SPRING NUMBER... 045-30E-24-ACA

LOCATION

COUNTRY... UNITED STATES

STATE... IOWA

COUNTY... POWES

TOWN OR VILLAGE... NEELEY 132000

SAMPLE DESCRIPTION AND LOCATION

TEMPERATURE (F)... 92

WELL DEPTH (FT)... 107

WELL NUMBER... 4239

REFERENCE AND IDENTIFICATION

COMPILED BY... ALLEGANETAS RIM

COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS 1960

COORDINATES

LAT/LONG... 42-42.96 N 112-53.42 W

REC'D 00774

GEOTHERM FILE 101 0025392

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FALLS INNOVATION DIST.

WELL SPRING NUMBER... 045-31E-11-ACA

LOCATION

COUNTRY... UNITED STATES

STATE... IOWA

COUNTY... POWES

TOWN OR VILLAGE... IN

TOWN OR VILLAGE... AMERICAN FALLS 132000

SAMPLE DESCRIPTION AND LOCATION

TEMPERATURE (F)... 94

WELL DEPTH (FT)... 79

REFERENCE AND IDENTIFICATION

COMPILED BY... ALLEGANETAS RIM

COMPILED AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS 1960

COORDINATES

LAT/LONG... 42-49.76 N 112-47.06 W

REC'D 00775

GEOTHERM FILE 101 0025396

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FUEL WAYER WELL

WELL SPRING NUMBER... 045-31E-17-BOS

LOCATION

COUNTRY... UNITED STATES

STATE... IOWA

COUNTY... POWES

TOWN OR VILLAGE... IN

TOWN OR VILLAGE... INDIAN SPRINGS 132000

SAMPLE DESCRIPTION AND LOCATION

TEMPERATURE (F)... 94

WELL DEPTH (FT)... 100

WELL NUMBER... 4272 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... ALLEGANETAS RIM

COORDINATES

LAT/LONG... 42-43.73 N 112-51.36 W

COMPILER AFFILIATION... TUSAS DEPT. OF WATER RESOURCES
REFERENCE... MITCHELL AND OTHERS, 1970

RECORD 00776

GEOTHERM FILE 101 0025383

GEOTHERM. SAMPLE FILE

NAME OF SAMPLE SOURCE... TUSAS POWER CO. WELL
WELL/SHIPPING NUMBER... 775-31E-31-80A

LOCATION

TUSAS-PAVE

COMMENTS

COUNTRY... UNITED STATES 475 031E 31 W OF SE W

LAT/LONG... 42-46.34 N 112-52.19 W

STATE... IOWA

COUNTY... HOWE

WELL REFERENCE... AMERICAN FALLS 172400

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 74

FLUORIDE (M)... 142

DISCHARGE... 7759 LPM

REFERENCE AND IDENTIFICATION

C-10155... IOWA POWER CO. 172400

COMPILER AFFILIATION... TUSAS DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1970

RECORD 00777

GEOTHERM FILE 101 001270

GEOTHERM. SAMPLE FILE

NAME OF SAMPLE SOURCE... INDIAN SPRINGS

WELL/SHIPPING NUMBER... 775-31E-31-80A

LOCATION

TUSAS-PAVE

COMMENTS

COUNTRY... UNITED STATES 475 031E 31 W OF SE W

LAT/LONG... 42-43.52 N 112-52.53 W

STATE... IOWA

COUNTY... HOWE

WELL REFERENCE... 172400

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 74

FLUORIDE (M)... 142

DISCHARGE... 7759 LPM

REFERENCE AND IDENTIFICATION

C-10155... IOWA POWER CO. 172400

COMPILER AFFILIATION... TUSAS DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1970

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE... 1100

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

TDS... 2000

ANALYSTS (DATE)

CO..... ID.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENHAM, GEORGE D.
 COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00778

WEATHER FILE 101 0025388

GEOGRAPHIC SAMPLE FILE

NAME OF SAMPLE QUINCESS INDIAN SPRINGS
 WELL NUMBER..... 005-31E-10-00E

LOCATION

COUNTY..... UNITED STATES 005-31E 10 SE OF 4E SE
 STATE..... IDAHO
 COUNTY..... POWERS

WELL DEPTH..... INDIAN SPRINGS 102000

SAMPLE DESCRIPTION AND ANALYSIS

TEMPERATURE (C)..... 70

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00779

WEATHER FILE 101 0025390

GEOGRAPHIC SAMPLE FILE

NAME OF SAMPLE QUINCESS INDIAN SPRINGS
 WELL NUMBER..... 005-31E-10-00E

LOCATION

COUNTY..... UNITED STATES 005-31E 10 SE OF 4E SE
 STATE..... IDAHO
 COUNTY..... POWERS

WELL DEPTH..... INDIAN SPRINGS 102000

SAMPLE DESCRIPTION AND ANALYSIS

TEMPERATURE (C)..... 70

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00780

WEATHER FILE 101 0025387

GEOGRAPHIC SAMPLE FILE

NAME OF SAMPLE QUINCESS INDIAN SPRINGS
 WELL NUMBER..... 005-31E-10-00E

LOCATION

COUNTY..... UNITED STATES 005-31E 10 SE OF 4E SE
 STATE..... IDAHO
 COUNTY..... POWERS

WELL DEPTH..... INDIAN SPRINGS 102000

SAMPLE DESCRIPTION AND ANALYSIS

TEMPERATURE (C)..... 70

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

COMPILED BY..... RIDGEMAN, KIM M.
 COMPILED AFFILIATION... TEXAS DEPT. OF WATER RESOURCES
 REFERENCES..... MITCHELL AND OTHERS, 1966

RECORD 00781

GEOTHERMAL SAMPLE FILE

GEOTHERMAL FILE NO. 0001271

NAME OF SAMPLE SOURCE... DICKLAND WARM SPRINGS
 WELL NUMBER... 705-306-73-CDC 15

LOCATION

COUNTRY..... UNITED STATES
 STATE..... TEXAS
 COUNTY..... FULTON
 TOWNSHIP..... 17
 RANGE..... 10
 SECTION..... 10

COORDINATES

EASTING..... 42-32.79 N 110-55.02 W

SAMPLE DESCRIPTION AND ANALYSIS

DATE OF ANALYSIS..... 1972
 ANALYST..... J. M. MITCHELL
 ANALYSIS..... 1972
 ANALYSIS..... 1972
 ANALYSIS..... 1972

ANALYSIS

DATE OF ANALYSIS..... U.S. GEOLOGICAL SURVEY

ANALYST..... J. M. MITCHELL

ANALYSIS..... 1972

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RECORD 00782

GEOTHERMAL SAMPLE FILE

GEOTHERMAL FILE NO. 0025391

NAME OF SAMPLE SOURCE... DICKLAND WARM SPRINGS

WELL NUMBER... 705-306-73-CDC 15

LOCATION

COUNTRY..... UNITED STATES
 STATE..... TEXAS
 COUNTY..... FULTON
 TOWNSHIP..... 17
 RANGE..... 10
 SECTION..... 10

COORDINATES

EASTING..... 42-31.40 N 112-55.04 W

SAMPLE DESCRIPTION AND ANALYSIS

DATE OF ANALYSIS..... 1972
 ANALYST..... J. M. MITCHELL
 ANALYSIS..... 1972
 ANALYSIS..... 1972

ANALYSIS..... 1972

ANALYSIS..... 1972

ANALYSIS..... 1972

ANALYSIS..... 1972

ANALYSIS..... 1972

ANALYSIS..... 1972

DISCHARGE..... 5077. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDGEMAN, KIRK
 COMPILED AFFILIATION... IJAHU DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1940

RECORD 00703

GEOTHEM FILE 101 0025309

GEOTHEM - SAMPLE FILE

NAME OF SAMPLE SOURCE... IJAHU DEPT. OF WATER RESOURCES
 WELL NUMBER... 105-30E-20-000

LOCATION

COUNTRY..... UNITED STATES 105 30E 20 NE OF 40 NE

STATE..... IJAHU

COUNTY..... IJAHU

SECTION..... 105-30E-20-000

WELL NUMBER..... 105-30E-20-000

WELL DEPTH..... 105-30E-20-000

WELL TYPE..... 105-30E-20-000

WELL STATUS..... 105-30E-20-000

COMPILED BY..... RIDGEMAN, KIRK

COMPILED AFFILIATION... IJAHU DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1940

RECORD 00704

GEOTHEM FILE 101 0025309

GEOTHEM - SAMPLE FILE

NAME OF SAMPLE SOURCE... IJAHU DEPT. OF WATER RESOURCES

WELL NUMBER... 105-30E-20-000

LOCATION

COUNTRY..... UNITED STATES 105 30E 20 NE OF 40 NE

STATE..... IJAHU

COUNTY..... IJAHU

SECTION..... 105-30E-20-000

WELL NUMBER..... 105-30E-20-000

WELL DEPTH..... 105-30E-20-000

WELL TYPE..... 105-30E-20-000

WELL STATUS..... 105-30E-20-000

COMPILED BY..... RIDGEMAN, KIRK

COMPILED AFFILIATION... IJAHU DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1940

RECORD 00705

GEOTHEM FILE 101 0025309

GEOTHEM - SAMPLE FILE

NAME OF SAMPLE SOURCE... IJAHU DEPT. OF WATER RESOURCES

WELL NUMBER... 105-30E-20-000

LOCATION

COUNTRY..... UNITED STATES 105 30E 20 NE OF 40 NE

STATE..... IJAHU

COUNTY..... IJAHU

SECTION..... 105-30E-20-000

WELL NUMBER..... 105-30E-20-000

WELL DEPTH..... 105-30E-20-000

WELL TYPE..... 105-30E-20-000

WELL STATUS..... 105-30E-20-000

COMPILED BY..... RIDGEMAN, KIRK

COMPILED AFFILIATION... IJAHU DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1940

DISCHARGE..... 046. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAMU DEPT. OF WATER RESOURCES
 REFERENCE..... IDAMU DEPARTMENT WATER RESOURCES

RECORD 00786

GEOTHERM FILE 101 0001522

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... RANDUM NATATONIUM WELL
 WELL/SPRING NUMBER..... 045-14E-33-CH2
 LOCATION
 COUNTRY..... UNITED STATES DHS 014E 33 W OF 40 S4
 STATE..... IDAHO MENIUS HOUSE
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... TIDUKAH SPRINGS 1124000
 SAMPLE DESCRIPTION AND ASSUMPTIONS
 DATE/COLLECTION..... 1977/04/04 U. S. GEOLOGICAL SURVEY IDAHO
 TEMPERATURE (C)..... 50.3
 WELL DEPTH (M)..... 134.
 DISCHARGE..... L/MIN

COORDINATES

LAT/LONG... 42-41.31 N 114-49.55 W

WATER ANALYSIS

P..... 4.3
 SPECIFIC CONDUCTANCE..... 400.
 ALKALINITY..... 143 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 340.
 CHARGE BALANCE (+ DIFF.)... 0.1

ANALYSIS IN MG/L

AN.....	0.034	0.034	44.	11.00	0.00	54.00
AL.....	0.026	0.026	15.	40.00	110.	50.00
AS.....	1.0	1.0	74.	40.00	110.	50.00
CA.....	2.3	2.3	0.0001	40.00	110.	50.00
CL.....				40.00	110.	50.00
CO.....				40.00	110.	50.00

ISOLUPES 102001

WELL 0 OF WATER..... -137.
 WELL 0101 OF WATER... -17.7

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS 403 INCLUDES MOST P04 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEN, RANDY J.
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00787

GEOTHERM FILE 101 0025428

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... HILL SLIERH WELL
 WELL/SPRING NUMBER..... 045-14E-30-CH2
 LOCATION
 COUNTRY..... UNITED STATES DHS 014E 30 W OF 50 W
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17

COORDINATES

LAT/LONG... 42-42.30 N 114-51.43 W

H2O REFERENCE..... THOUSAND SPRING 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 43.
 WELL DEPTH (M)..... 121.
 DISCHARGE..... 378. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, RIM M.
 COMPILER AFFILIATION... IJAMO DEPT. OF WATER RESOURCES
 REFERENCE..... 0355 1971

RECORD 00788

GEOTHEM FILE 101 0025347

GEOTHEM SAMPLE FILE
 NAME OF SAMPLE SOURCE... RUMI CITY WELL #1
 WELL SPRING NUMBER..... R45-14E-70-04C
 LOCATION.....
 COUNTY..... UNITED STATES 445 014E 35 50 OF NE SE
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 H2O REFERENCE..... RUMI 1125000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 214.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, RIM M.
 COMPILER AFFILIATION... IJAMO DEPT. OF WATER RESOURCES

COORDINATES

LAT/LONG... 42-33.53 N 114-45.36 W

RECORD 00789

GEOTHEM FILE 101 0025394

GEOTHEM SAMPLE FILE
 NAME OF SAMPLE SOURCE... RUMI CITY WELL #2
 WELL SPRING NUMBER..... R45-15E-71-00H
 LOCATION.....
 COUNTY..... UNITED STATES 445 015E 31 40 OF SE SE
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 H2O REFERENCE..... RUMI 1126000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 32.
 WELL DEPTH (M)..... 332.
 DISCHARGE..... 2476. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, RIM M.
 COMPILER AFFILIATION... IJAMO DEPT. OF WATER RESOURCES
 REFERENCE..... IJAMO DEPARTMENT OF WATER RESOURCES

COORDINATES

LAT/LONG... 42-33.37 N 114-45.05 W

RECORD 00790

GEOTHEM FILE 101 0000541

GEOTHEM SAMPLE FILE
 NAME OF SAMPLE SOURCE... CEDAR HILL AREA
 WELL SPRING NUMBER..... 125-10E-01-HH4
 LOCATION.....
 COUNTY..... UNITED STATES 125 010E 01 4E OF W W
 STATE..... IDAHO
 COUNTY..... TWIN FALLS

COORDINATES

LAT/LONG... 42-24.92 N 114-10.09 W
 UTM ZONE... 18
 UTM EPOCH... 464200

EASTING..... 722030.

GEOL. IC PROVINCE.. 17
 MAP REFERENCE..... STRICKER BUTTE 112-000
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND LOCATION
 DATE/COLLECTION..... 1972/07/25
 TEMPERATURE (C)..... 70.3
 WELL DEPTH (M)..... 230.
 DISCHARGE..... 2055 L/MIN.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 190.
 ALKALINITY..... 70. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 170.
 CHANGE IN SALINITY IN DIFF. 1... 5.0

ANIONS

AG.....	CU3.....	N.....	MG.....	2.	5132.	07.
AL.....	CU.....		NO.....			
AU.....	CU.....		NO.....			
.....		0.0	VA.....	10.	504.	9.3
HA.....	FE+3.....		NO3.....	0.03		
CA.....	NO3.....	95.	PO.....	0.20		
CO.....	N25.....					
CL.....	N25.....					
CO.....	N25.....					

ISOLAPES 10/20/1

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENNIS J.
 COMPILED AFFILIATION..... U.S. GEOLOGICAL SURVEY
 REFERENCE..... YOUNG AND MITCHELL 1973

RECORD 00791

GEOTHERM FILE 101 0025-10

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHESTER MCCLAIN WELL #1

WELL/SPRING NUMBER..... 105-12E-01-ALD

LOCATION.....

COORDINATES

EASTING..... 722030. N 114-59.24 W

COUNTY..... UNITED STATES 105 012E-01 SE W W

STATE..... IDAHO

COUNTY..... TWIN FALLS

GEOL. IC PROVINCE.. 17

MAP REFERENCE..... 112-000

SAMPLE DESCRIPTION AND LOCATION

TEMPERATURE (C)..... 70.

WELL DEPTH (M)..... 152.

DISCHARGE..... 4542 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... WIDEWATER KIM M.

COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS 1980

RECORD 00792

GEOTHERM FILE 101 0025-17

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHESTER MCCLAIN WELL #2

WELL/SPRING NUMBER..... 105-12E-01-ALD

LOCATION.....

COORDINATES

COUNTY..... UNITED STATES 105 012E-01 SE W W

STATE..... IDAHO

COUNTY..... TWIN FALLS

GEOL. IC PROVINCE.. 17

MAP REFERENCE..... 112-000

SAMPLE DESCRIPTION AND LOCATION

TEMPERATURE (C)..... 70.

WELL DEPTH (M)..... 152.

DISCHARGE..... 4542 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... WIDEWATER KIM M.

COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS 1980

COUNTY..... UNITED STATES 105 012E 01 44 OF 50 NE LAT/LONG... 42-35.38 N 114-50.03 W
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... DML 1162500
 SAMPLE DESCRIPTION AND LOCATIONS
 TEMPERATURE (C)..... 70
 WELL DEPTH (M)..... 152
 DISCHARGE..... 5413 L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEWATER, RIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECNO 00793

GEOTHERM FILE 101 0025410

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... CHESTER MCCLAIN WELL #3
 WELL/POUND NUMBER..... 105-122-01-002
 LOCATION..... IDAHO-STATE-FAVOR
 COUNTY..... UNITED STATES 105 012E 01 44 OF 50 SE COORDINATES
 STATE..... IDAHO LAT/LONG... 42-34.86 N 114-54.03 W
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... DML 1162500
 SAMPLE DESCRIPTION AND LOCATIONS
 TEMPERATURE (C)..... 70
 WELL DEPTH (M)..... 152
 DISCHARGE..... 7649 L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEWATER, RIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECNO 00794

GEOTHERM FILE 101 0025419

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... CHESTER MCCLAIN WELL #3
 WELL/POUND NUMBER..... 105-122-01-002
 LOCATION..... IDAHO-STATE-FAVOR
 COUNTY..... UNITED STATES 105 012E 01 50 OF 50 SE COORDINATES
 STATE..... IDAHO LAT/LONG... 42-34.78 N 114-54.00 W
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... DML 1162500
 SAMPLE DESCRIPTION AND LOCATIONS
 TEMPERATURE (C)..... 70
 WELL DEPTH (M)..... 135
 DISCHARGE..... 1022 L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEWATER, RIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECNO 00795

GEOTHERM FILE 101 0025420

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... CHESTER MCCLAIN WELL #3
 WELL/POUND NUMBER..... 105-122-02-005

LOCATION: IONSHIP-RANGE
 COUNTY..... UNITED STATES 165 WICE 02 N4 OF SE 50
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... CROWS NEST 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 20
 WELL DEPTH (M)..... 152
 DISCHARGE..... 7570 L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEGAYETA RIM M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS 1990

RECUM 00796

GEOTHERM FILE 101 0025399

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... NEAR RION COLLIER WELL
 WELL/SPRING NUMBER..... 005-014E-33-000
 LOCATION: IONSHIP-RANGE
 COUNTY..... UNITED STATES 005 WICE 33 SE OF NW 50
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... THOUSAND SPRINGS 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 64
 WELL DEPTH (M)..... 100
 DISCHARGE..... 200 L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEGAYETA RIM M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS 1990

COORDINATES
 LAT/LONG... 42-41-10 N 114-49.57 W

RECUM 00797

GEOTHERM FILE 101 0025410

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... NEAR RION WELL
 WELL/SPRING NUMBER..... 115-092-31-000
 LOCATION: IONSHIP-RANGE
 COUNTY..... UNITED STATES 115 WICE 31 SE OF SE 50
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... STICKER BUTTE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 20
 WELL DEPTH (M)..... 100
 DISCHARGE..... 100 L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... HIDEGAYETA RIM M.
 COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... GUSSE 1971

COORDINATES
 LAT/LONG... 42-25-06 N 114-16.07 W

RECUM 00798

GEOTHERM FILE 101 0025411

NAME OF SAMPLE SOURCE... DEAN KIDD WELL
WELL/SPRING NUMBER... 115-19E-31-RDA
LOCATION:

TOWNSHIP-RANGE

COORDINATES

115 019E 31 NE OF SE W

LAT/LONG... 42-25.66 N 114-10.57 W

COUNTY..... UNITED STATES
STATE..... IOWA
COUNTY..... TWIN FALLS
MAP REFERENCE..... STRICKER BUTTE 1124000
SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27
WELL DEPTH (M)..... 705
DISCHARGE..... 1492

REFERENCE AND IDENTIFICATION

COLLECTED BY..... RIDEWATER, KIM M.
COLLECTOR AFFILIATION... IOWA DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00799

GEOTHERM FILE 101 0025409

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NICK KASTEN WELL
WELL/SPRING NUMBER... 095-14E-04-40C
LOCATION:

TOWNSHIP-RANGE

COORDINATES

095 014E 40 SE OF SE W

LAT/LONG... 42-40.46 N 114-49.40 W

COUNTY..... UNITED STATES
STATE..... IOWA
COUNTY..... TWIN FALLS
GEOLOGIC PROVINCE... 17
MAP REFERENCE..... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40
WELL DEPTH (M)..... 114
DISCHARGE..... 1175 LPMIN

REFERENCE AND IDENTIFICATION

COLLECTED BY..... RIDEWATER, KIM M.
COLLECTOR AFFILIATION... IOWA DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00800

GEOTHERM FILE 101 0025413

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NICK KASTEN WELL #2
WELL/SPRING NUMBER... 105-12E-02-CEA

LOCATION:

TOWNSHIP-RANGE

COORDINATES

105 012E 02 NE OF SE SW

LAT/LONG... 42-34.93 N 115-01.19 W

COUNTY..... UNITED STATES
STATE..... IOWA
COUNTY..... TWIN FALLS
GEOLOGIC PROVINCE... 17
MAP REFERENCE..... COWS HOLE 1102300

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25
WELL DEPTH (M)..... 142

REFERENCE AND IDENTIFICATION

COLLECTED BY..... RIDEWATER, KIM M.
COLLECTOR AFFILIATION... IOWA DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00001

GEOTHERM FILE 101 0025414

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DICK KINGS WELL #3

WELL/SPRING NUMBER... 705-122-11-028

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 105 012E 11 NW OF 36 SE

LAT/LONG... 42-34.00 N 115-00.02 W

STATE... IDAHO

COUNTY... TWIN FALLS

MAP REFERENCE... QUAD 1102500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 23.

EIT DEPTH (M)... 147.

DISCHARGE... 1135. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RICHARD VETAS, RIM #.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1990

RECORD 00002

GEOTHERM FILE 101 0025406

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ED JAHAMEL JR WELL #1

WELL/SPRING NUMBER... 705-132-33-020

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 045 012E 33 SE OF 36 W

LAT/LONG... 42-36.10 N 114-50.00 W

STATE... IDAHO

COUNTY... TWIN FALLS

GEOLOGIC PROVINCE... 17

MAP REFERENCE... QUAD 1102500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 71.

EIT DEPTH (M)... 262.

DISCHARGE... 5110. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RICHARD VETAS, RIM #.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1990

RECORD 00003

GEOTHERM FILE 101 0025407

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ED JAHAMEL JR WELL #2

WELL/SPRING NUMBER... 705-132-33-020

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY... UNITED STATES 045 012E 33 W OF 36 SE

LAT/LONG... 42-33.50 N 114-50.50 W

STATE... IDAHO

COUNTY... TWIN FALLS

MAP REFERENCE... QUAD 1102500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 71.

EIT DEPTH (M)... 240.

DISCHARGE... 4413. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY... RICHARD VETAS, RIM #.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00804

GEOTHERM FILE 101 0025400

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FENTON CONNALLY WELL

WELL/SHRINK NUMBER... RNS-142-30-088

LOCATION

COUNTRY..... UNITED STATES 105 014E 30 NE OF NW SE

STATE..... IDAHO

COUNTY..... TWIN FALLS

GEOLOGIC PROVINCE... AT

WELL REFERENCE... TWIN FALLS SORTING 112000

SAMPLE DESCRIPTION AND LOCATIONS

TEMPERATURE (C)..... 45

REFERENCE AND IDENTIFICATION

COMPILER BY..... RIEGANEY, RIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES

LAT/LONG... 42-42.10 N 114-51.34 W

RECORD 00805

GEOTHERM FILE 101 0025401

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FLEM CITY WELL

WELL/SHRINK NUMBER... 114-104-00-000

LOCATION

COUNTRY..... UNITED STATES 105 010E 00 NE OF SE SW

STATE..... IDAHO

COUNTY..... TWIN FALLS

WELL REFERENCE... FLEM 112000

SAMPLE DESCRIPTION AND LOCATIONS

TEMPERATURE (C)..... 27

WELL DEPTH (M)..... 207

DISCIPLINE..... 244, LAMIN

REFERENCE AND IDENTIFICATION

COMPILER BY..... RIEGANEY, RIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

COORDINATES

LAT/LONG... 42-36.75 N 114-00.55 W

RECORD 00806

GEOTHERM FILE 101 0025402

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FLEM HANNUIS WELL

WELL/SHRINK NUMBER... 114-142-32-000

LOCATION

COUNTRY..... UNITED STATES 115 014E 32 SE OF SE SW

STATE..... IDAHO

COUNTY..... TWIN FALLS

GEOLOGIC PROVINCE... AT

WELL REFERENCE... STANLEY HUFF 112000

SAMPLE DESCRIPTION AND LOCATIONS

TEMPERATURE (C)..... 24

REFERENCE AND IDENTIFICATION

COMPILER BY..... RIEGANEY, RIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

COORDINATES

LAT/LONG... 42-25.49 N 114-15.02 W

REFERENCE..... DJSS. 1971

RECORD 00007

GEUTHERN FILE 101 0025396

GEUTHERN SAMPLE FILE

NAME OF SAMPLE SOURCE... GEORGE ANTHONY WEL

WELL/SHOOTING NUMBER... 195-126-34-DJA

LOCATION

COUNTY... UNITED STATES

IDAYSIP-98-96

WVS VICE 34 NE OF SE SE

COORDINATES

LAT/LONG... 42-35.00 N 115-01.37 W

STATE... IDAHO

COUNTY... TWIN FALLS

WVS VICE 34 NE OF SE SE

SAMPLE IDENTIFICATION AND LOCATION

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

RECORD 00008

GEUTHERN FILE 101 0025402

GEUTHERN SAMPLE FILE

NAME OF SAMPLE SOURCE... GEORGE ANTHONY WEL

WELL/SHOOTING NUMBER... 195-126-34-DJA

LOCATION

COUNTY... UNITED STATES

IDAYSIP-98-96

WVS VICE 34 NE OF SE SE

COORDINATES

LAT/LONG... 42-35.00 N 115-01.37 W

STATE... IDAHO

COUNTY... TWIN FALLS

WVS VICE 34 NE OF SE SE

SAMPLE IDENTIFICATION AND LOCATION

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

RECORD 00009

GEUTHERN FILE 101 0025404

GEUTHERN SAMPLE FILE

NAME OF SAMPLE SOURCE... HARRY MITTANUS WEL

WELL/SHOOTING NUMBER... 195-126-34-DJA

LOCATION

COUNTY... UNITED STATES

IDAYSIP-98-96

WVS VICE 33 NE OF SE SE

COORDINATES

LAT/LONG... 42-35.00 N 115-01.37 W

STATE... IDAHO

COUNTY... TWIN FALLS

WVS VICE 33 NE OF SE SE

SAMPLE IDENTIFICATION AND LOCATION

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

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WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

WELL/SHOOTING NUMBER... 195-126-34-DJA

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00010

GEOTHERM FILE 101 0025405

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HARRY MUTTANUS WELL #2

WELL/SPRING NUMBER..... HNS-14E-33-COA

LOCATION

COUNTRY..... UNITED STATES URS 014E 33 VE OF 40 54

STATE..... IOWA

COUNTY..... TWIN FALLS

MAP REFERENCE..... THOUSAND SPRINGS 112-000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 57

WELL DEPTH (M)..... 74

REFERENCE AND IDENTIFICATION

COMPILED BY..... RUDIGANETA, RIM M.

COMPILER AFFILIATION... IOWA DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00011

GEOTHERM FILE 101 0001521

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HARRY MUTTANUS WELL NO. 2

WELL/SPRING NUMBER..... HNS-14E-33-COA

LOCATION

COUNTRY..... UNITED STATES URS 014E 33 VE OF 40 54

STATE..... IOWA

COUNTY..... TWIN FALLS

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... THOUSAND SPRINGS 112-000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1974/02/01 U. S. GEOLOGICAL SURVEY 104-0

TEMPERATURE (C)..... 52.0

WELL DEPTH (M)..... 74

DISCHARGE..... 227 L/MIN

WATER ANALYSIS

PH..... 9.0

ELECTRIC CONDUCTANCE..... 450

ALKALINITY..... 132 AS LACUS

TOTAL DISSOLVED SOLIDS... 1135

CATION BALANCE IN DIFF..... 403

ANION ANALYSIS

CO3..... 150 L/1000

CL..... 100 L/1000

SO4..... 5132 L/1000

NO3..... 100 L/1000

HCO3..... 100 L/1000

H2PO4..... 27 L/1000

HPO4..... 0.1 L/1000

H2SiO4..... 0.03 L/1000

H4SiO4..... 1.5 L/1000

H3SiO3..... 1.5 L/1000

H2SiO3..... 1.5 L/1000

H3SiO4..... 1.5 L/1000

H4SiO3..... 1.5 L/1000

H3SiO2..... 1.5 L/1000

H2SiO2..... 1.5 L/1000

H3SiO1..... 1.5 L/1000

H2SiO1..... 1.5 L/1000

H3SiO0..... 1.5 L/1000

H2SiO0..... 1.5 L/1000

H3SiO-1..... 1.5 L/1000

H2SiO-1..... 1.5 L/1000

COORDINATES

LAT/LONG... 42-41.30 N 114-49.54 W

COORDINATES

LAT/LONG... 42-41.31 N 114-49.55 W

ISOTHERMS (C/1000)

COMPILED BY..... LIEH, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1990A

RECORD 00812

GEOTHERM FILE 101 0001518

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOT SULPHUR (MIRACLE) HOT SPRING

WELL/SPRING NUMBER..... NRS-14E-31-ACHIS

LOCATION

COUNTRY..... UNITED STATES URS 014E 31 W OF SW NE

STATE..... IDAHO MENIDUS BOISE

COUNTY..... TWIN FALLS

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTOR..... 1979/04/05 U. S. GEOLOGICAL SURVEY 10440

TEMPERATURE (C)..... 57.0

DISCHARGE..... 1998 L/MIN

WATER ANALYSIS

P..... 9.4

SPECIFIC CONDUCTANCE..... 500

ALKALINITY..... 145 AS CaCO3

TOTAL DISSOLVED SOLIDS..... 375

CHARGE IMBALANCE IN DIFF..... 1.3

ANALYSIS IN MG/L

AG..... CO3..... 54..... LI..... 0.00..... 55.....

AL..... CA..... 21..... NA..... 130..... 50.....

AS..... 0.004..... CU..... 40..... 5132..... 80.....

AI..... 0.034..... FE..... 21..... NA..... 130..... 50.....

MA..... 0.9..... HCO3..... 59..... NA..... 130..... 50.....

CA..... 0.9..... H..... 0.0001..... NA..... 130..... 50.....

CL..... 34..... H2S..... 0.03.....

CO..... 1.3.....

C..... 1.3.....

C..... 1.3.....

C..... 1.3.....

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C..... 1.3.....

C..... 1.3.....

COORDINATES

LAT/LONG... 42-41.52 N 114-51.56 W

ISOTOPES 10/001

DEL D OF WATER..... -139

DEL D18O OF WATER... -17.6

RECORD 00813

GEOTHERM FILE 101 0025435

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHNSMAN WELL

WELL/SPRING NUMBER..... NRS-14E-33-CCG

LOCATION

COUNTRY..... UNITED STATES URS 014E 33 W OF SW SW

STATE..... IDAHO

COUNTY..... TWIN FALLS

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND COMPOSITION

TEMPERATURE (C)..... 57.0

WELL DEPTH (M)..... 146.
 DISCHARGE..... 567. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEWAYETA, KIM M.
 COMPILER AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
 REFERENCE..... DOSS, 1971

RECORD 00814

GEOTHERM FILE 101 0025436

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... 1. WOODSON CREED WELL
 WELL/SPRING NUMBER..... 115-17E-33-COD

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17

COORDINATES

LAT/LONG... 42-25.06 N 114-14.33 W

MSP REFERENCE..... STRICKER BUTTE 112400

SAMPLE DESCRIPTION AND COMMENTS

TEMPERATURE (C)..... 71.

WELL DEPTH (M)..... 112.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAYETA, KIM M.
 COMPILER AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1970

RECORD 00815

GEOTHERM FILE 101 0025412

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JACK RINVOU WELL
 WELL/SPRING NUMBER..... 095-13E-11-DCU

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17

COORDINATES

LAT/LONG... 42-35.71 N 114-50.39 W

MSP REFERENCE..... DUNE 1162500

SAMPLE DESCRIPTION AND COMMENTS

TEMPERATURE (C)..... 24.

WELL DEPTH (M)..... 147.

DISCHARGE..... 8607. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAYETA, KIM M.
 COMPILER AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1970

RECORD 00816

GEOTHERM FILE 101 0025403

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PENNETH HAWHAST
 WELL/SPRING NUMBER..... 095-14E-03-AUJ

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17

COORDINATES

LAT/LONG... 42-39.64 N 114-48.76 W

MSP REFERENCE..... TUBERMAN SPRING 1126000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 33.
 WELL DEPTH (M)..... 161.
 DISCHARGE..... 2271. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... WIDEANETA, KIM M.
 COMPILER AFFILIATION... HAWAII DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00017

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0001274

NAME OF SAMPLE SOURCE... KENYETH HANNAH WELL #1
 WELL/SPRING NUMBER..... 095-14E-09-AUC
 LOCATED:
 COUNTY..... UNITED STATES 095 014E 09 SW OF SE NE
 STATE..... HAWAII HENRIUS HOUSE
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE... 17

COORDINATES

LAT/LONG... 42-39.61 N 114-48.08 W

WSP REFERENCE..... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/10/08 SWANSON
 TEMPERATURE (C)..... 31.
 WELL DEPTH (M)..... 137.
 DISCHARGE..... 11356. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SEDIMENTS AND SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 pH..... 9.3
 SPECIFIC CONDUCTANCE..... 300.
 ALKALINITY..... 100. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 170.
 CHARGE IMBALANCE (A DIFF).... 4.9

ANALYSIS IN MG/L

ISOTOPE 10Z001

AN.....	CO3.....	5.0	MO.....	0.3		
AL.....	CH.....		NO.....		51.02	51.
AR.....	CL.....		NA.....	0.1	50.4	27.
BA.....	FE.....	3.2	NAOH.			
CA..... 7.3	MG.....	120.				
CI..... 16.	K.....	3.2				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... HAWAII DEPARTMENT OF WATER RESOURCES
 REFERENCE..... HAWAII DEPARTMENT OF WATER RESOURCES

RECORD 00018

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0025423

NAME OF SAMPLE SOURCE... LEU HAY WELL #1
 WELL/SPRING NUMBER..... 095-14E-09-CUC
 LOCATED:
 COUNTY..... UNITED STATES 095 014E 09 SW OF SE SW
 STATE..... HAWAII
 COUNTY..... TWIN FALLS

COORDINATES

LAT/LONG... 42-40.09 N 114-49.43 W

MAP REFERENCE..... THOUSAND SPRINGS 1124000
 SAMPLE DESCRIPTION AND COMPOSITIONS
 TEMPERATURE (C)..... 34
 FET DEPTH (M)..... 230
 DISCHARGE..... 11355 L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEWAYETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00819

GEOTHERM FILE 101 0025424

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LEO MAY WELL #2
 WELL/SPRING NUMBER..... 125-14E-04-COD
 LOCATION..... IDAHO STATE
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... THOUSAND SPRINGS 1124000

COORDINATES

LAT/LONG... 42-40.02 N 114-49.33 W

SAMPLE DESCRIPTION AND COMPOSITIONS

TEMPERATURE (C)..... 37
 FET DEPTH (M)..... 167
 DISCHARGE..... 5477 L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEWAYETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00820

GEOTHERM FILE 101 0081281

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MAGIC HOT SPRINGS
 WELL/SPRING NUMBER..... 165-17E-30-ACA
 LOCATION..... IDAHO STATE
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... MAGIC HOT SPRINGS 1124000

COORDINATES

LAT/LONG... 42-00.77 N 114-30.1 W

OTHER LOCALITY INFORMATION

LOCATION INFORMATION MAP IS 165-17E-30-ACA
 LOCATION APPROXIMATED YOUNG AND MITCHELL GIVE LOCATION AS 165-1-31-ACA, HOWEVER, SPRING

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE OF COLLECTION..... 1972/05/23 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 65.5
 DISCHARGE..... 1457 L/MIN
 DOMINANT GEOLOGY..... PLIOGENE SILICIC VOLCANIC ROCKS
 OTHER SAMPLE INFORMATION... UNCERTAIN WHICH SPRING SAMPLED

ANALYSIS

DATE ANALYST..... 11/50 GEOLOGICAL SURVEY
 ANALYST.....
 SUBJECTIC CONDUCTANCE..... 281
 ALKALINITY..... 131 AS CACCS
 TOTAL DISSOLVED SOLIDS... 100
 FLUORIDE ANALYSIS IS DIFF. 100

1. LOPES (0700)

ANALYSIS IN MG/L

AG....	CO3....	N	MG....	8.9		
AL....	CU....		MO....		5102.	23.
AU....	F....	0.3	NA....	12.		
H....	FE....		VA+K.		504..	15.
HA....	MC03....	162.	VOJ....	0.42		
CA....	M2S....		PO4....	0.93		
CO....						
CL....						
CO....						

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00821

GEOTHERM FILE 101 0025375

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIKE ARCHIVAL WELL
 WELL/SPRING NUMBER..... 045-14E-33-CCA

LOC 130:.....
 COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... TAYLOR FALLS
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... THOUSAND SPRINGS 112-000

COORDINATES

LAT/LONG... 42-41.08 N 114-44.61 W

SAMPLE DESCRIPTION AND COMPOSITION
 TEMPERATURE (C)..... 45
 WELL DEPTH (M)..... 141
 REFERENCE AND IDENTIFICATION

COMPILED BY..... HINEGAVETA, R. M.
 COMPUTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00822

GEOTHERM FILE 101 0025421

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIRACLE HOT SPRING
 WELL/SPRING NUMBER..... 045-14E-31-ACB

LOC 130:.....
 COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... TAYLOR FALLS
 MAP REFERENCE..... THOUSAND SPRINGS 112-000

COORDINATES

LAT/LONG... 42-41.52 N 114-51.55 W

SAMPLE DESCRIPTION AND COMPOSITION
 TEMPERATURE (C)..... 55 AT 141 M
 TEMPERATURE (C)..... 135 AT 141 M
 REFERENCE AND IDENTIFICATION

COMPILED BY..... HINEGAVETA, R. M.
 COMPUTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00823

GEOTHERM FILE 101 0081212

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIRACLE HOT SPRING

WELL/SPRING NUMBER..... 085-14E-71-ACB 15
 SPRING NUMBER..... 174

LOANSHIP-RANGE

COORDINATES

LAT/LONG... 42-41.41 N 114-51.35 W

LOCATION..... UNITED STATES UMS 014E 31 N OF SE VE
 COUNTY..... IDAHO MERID: Boise

STATE..... TWIN FALLS
 COUNTY..... THOUSAND SPRINGS 1124000
 MAP REFERENCE..... LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND COMPOSITIONS
 DATE/COLLECTOR..... 1972/05/24 YOUNG AND MITCHELL

TEMPERATURE (C)..... 54
 DISCHARGE..... 1325 L/MIN
 PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR PLIOCENE BASALT AND OLDER SILICIC VOLCANIC ROCKS.

WATER ANALYSIS U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P..... 4.0
 SURFIC CONDUCTANCE..... 580.0
 ALKALINITY..... 142 AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 300
 CHANGE IN BALANCE IN DIFF..... 2.1
 ANALYSIS IN M/L

ISOTOPES (U206)

AG.....	CO3.....	54	NO.....	120	54	24
AL.....	CU.....	20	NA.....	54	24	
AR.....	FE.....	51	PO.....	54	24	
BA.....	MCU.....	1.5				
CA.....						
CD.....						
CL.....						
CO.....						
CR.....						
CU.....						
FE.....						
MCU.....						
NO.....						
PO.....						

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN GLENN P.
 COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL 1973

RECORD 00024

GEOCHEM FILE 101 0001449

WATER ANALYSIS

NAME OF SAMPLE SOURCE..... NAT-000-041 HAWK SPRINGS
 WELL/SPRING NUMBER..... 125-17E-71-HABIS

LOANSHIP-RANGE

COORDINATES

LAT/LONG... 42-20.75 N 114-30.40 W

LOCATION..... UNITED STATES UMS 017E 31 N OF SE VE
 COUNTY..... IDAHO MERID: Boise

STATE..... TWIN FALLS
 COUNTY..... THOUSAND SPRINGS 1124000

MAP REFERENCE..... LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1972/07/25

TEMPERATURE (C)..... 34

DISCHARGE..... 114 L/MIN

PERCENT LITHOLOGY.....

WATER ANALYSIS

DATE/ANALYST.....

P.....

SURFIC CONDUCTANCE.....

ALKALINITY.....

TOTAL DISSOLVED SOLIDS.....

CHANGE IN BALANCE IN DIFF.....

ISLANDS 10/001

ANALYSIS IN M/L

AG....	CO3.....	4G....	14..		
AL....	CR.....	4J....		SIJ2.	14.
AU....	CU.....	4K....	43.		
H....	F.....	NA....		SO4..	10.
HA....	FE+3....	NO3..	0.02		
CA....	HC03....	PO4..	0.01		
CO....	H2S.....				
CL....					
CO....	K.....				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, HANUY
 COMPILER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00825

GEOTHERM FILE 101 0025426

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PETE SALIZER WELL

WELL/SPRING NUMBER..... 125-10E-30-CAU

LOCATION.....

LUNYSHIP-HAYNE

COORDINATES

LAT/LONG... 42-20.20 N 114-31.48 W

COUNTRY..... UNITED STATES 125 01E 30 SE OF VE 50

STATE..... IDAHO

COUNTY..... TWIN FALLS

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... HOLLISTER 1124000

SAMPLE DESCRIPTION AND COMPOSITION

TEMPERATURE (C)..... 14.

WELL DEPTH (M)..... 47.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWANEY, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00826

GEOTHERM FILE 101 0025422

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PHIL HANICA WELL

WELL/SPRING NUMBER..... 095-11E-18-AAC

LOCATION.....

LUNYSHIP-HAYNE

COORDINATES

LAT/LONG... 42-38.95 N 114-58.33 W

COUNTRY..... UNITED STATES 095 01E 18 SE OF VE VE

STATE..... IDAHO

COUNTY..... TWIN FALLS

GEOLOGIC PROVINCE... 011

MAP REFERENCE..... HILL 1162500

SAMPLE DESCRIPTION AND COMPOSITION

TEMPERATURE (C)..... 24.

WELL DEPTH (M)..... 259.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWANEY, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00827

GEOTHERM FILE 101 0081276

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JAY STANISH AND SONS

WELL/SPRING NUMBER..... 115-19E-21-ADD 1
 LOCATION:
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17
 MIP REFERENCE..... MONTAUGH 1124000

COORDINATES
 LAT/LONG... 42-27.19 N 114-13.71 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1954/07/00
 TEMPERATURE (C)..... 27.
 PERTINENT LITHOLOGY..... PLIOCENE BASALT AND SEDIMENTS.

WATER ANALYSIS
 DATE/ANALYST..... ROSS REPORT
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 399.
 ALKALINITY..... 89.
 ANALYSIS IN MG/L

ENVELOPES (C/00)

AG.....	CO3.....	40.....	3.9	5132.	71.
AL.....	CL.....	40.....			
AI.....	CU.....				
AR.....	FE.....	0.4		564..	9.0
HA.....	FE3.....				
CA..... 22.	MCU3.....	10.	403..	0.0	
CL..... 12.					

REFERENCE AND IDENTIFICATION
 COMPILED BY..... BENHARD GEORGE J.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... DWSR 1971

RECORD 00828

GEOTHERM FILE 101 0025431

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAY STANGER AND SONS WELL

WELL/SPRING NUMBER..... 115-19E-25-CLD

LOCATION:
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17
 MIP REFERENCE..... MONTAUGH 1124000

COORDINATES
 LAT/LONG... 42-25.05 N 114-12.40 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEWAYETAR RIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... DWSR 1971

RECORD 00829

GEOTHERM FILE 101 0025430

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAY STANGER AND SONS WELL

WELL/SPRING NUMBER..... 115-19E-21-ADD

LOCATION:
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS

COORDINATES
 LAT/LONG... 42-27.19 N 114-13.71 W

HSP REFERENCE..... MURTAUGH 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 29.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... TUAMU DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00830

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0025415

NAME OF SAMPLE SOURCE... RHEMI LINTY WELL
 WELL SPRING NUMBER..... 095-14E-04-ADD
 LOCATION
 COUNTRY..... UNITED STATES 095 014E 09 SE OF SE VE
 STATE..... TUAMU
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17

COORDINATES

LAT/LONG... 42-39.58 N 114-46.74 W

HSP REFERENCE..... THOUSAND SPRINGS 1124000
 SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 259.
 DISCHARGE..... 1514.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... TUAMU DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00831

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0025408

NAME OF SAMPLE SOURCE... ROSE JAMMELIER WELL
 WELL SPRING NUMBER..... 095-11E-13-CHA
 LOCATION
 COUNTRY..... UNITED STATES 095 011E 13 NE OF NW SE
 STATE..... TUAMU
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17

COORDINATES

LAT/LONG... 42-35.00 N 114-56.05 W

HSP REFERENCE..... HML 1162900
 SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 31.
 WELL DEPTH (M)..... 254.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... TUAMU DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00832

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0001514

NAME OF SAMPLE SOURCE... CALHUN FALLS HOT SPRING
 WELL SPRING NUMBER..... 095-14E-30-ACUS
 LOCATION
 COUNTRY..... UNITED STATES 095 014E 30 SE OF SW NE
 STATE..... TUAMU
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17

COORDINATES

LAT/LONG... 42-42.22 N 114-51.33 W

GEOLOGIC PROVINCE.. 17
 HJM REFERENCE..... THOUSAND SPRINGS 1124000
 SAMPLE DESCRIPTION AND CORRELATIONS
 DATE/COLLECTOR..... 1978/02/08 U. S. GEOLOGICAL SURVEY. 10AMU
 TEMPERATURE (C)..... 70.5
 DISCHARGE..... 151 L/MIN

WATER ANALYSIS

pH..... 9.1
 SPECIFIC CONDUCTANCE..... 601
 ALKALINITY..... 132 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 404
 CATION BALANCE (4 DIFF.)... 0.7
 ANIONS IN MU/L

AG.....	CO3.....	45	LI.....	0.00	SI.....	
AL.....	C4.....		MO.....	0.1	SC.....	
AS.....	0.00		CU.....		SI32.....	0.9
AI.....			FE.....	27	NA.....	1.0
HA.....	0.44		FE+3.....		VA+R.....	3.0
CA.....	1.2		MCU3.....	70	WJ3.....	0.3
CA+U.....			MG.....	0.0001		0.03
CD.....	ME5.....					
CL.....	500					
CO.....		1.1				

ISOTOPIES (0/00)

DEL D OF WATER..... -13.0
 DEL U181 OF WATER... -17.2

IDENTIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS NO3 INCLUDES NO20 P44 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION

CHARTERED BY..... LINDA HANCOCK JR
 CHARTER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG 1900A

RECORD 00833

GEOTHERM FILE 101 0025427

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SALMON FALLS HOT SPRINGS

WELL/SPRING NUMBER..... 115-19E-31-001

LOCATION

COUNTRY..... UNITED STATES AND VIC. 30 W OF SE NE

STATE..... IDAHO

COUNTY..... TWIN FALLS

HJM REFERENCE..... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND CORRELATIONS

TEMPERATURE (C)..... 70

DISCHARGE..... 77 L/MIN

REFERENCE AND IDENTIFICATION

CHARTERED BY..... GEOTHERMAL 11M

CHARTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... HUNSE 1971

RECORD 00834

GEOTHERM FILE 101 0081277

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CAM HIGH AND 3013 WELL

WELL/SPRING NUMBER..... 115-19E-31-001

LOCATION

COUNTRY..... UNITED STATES 115 019E 33 SE OF SE SE

STATE..... IDAHO

IDENTIFICATION

HJM REFERENCE.....

TEMPERATURE (C).....

DISCHARGE.....

ISOTOPIES

LAT/LONG... 42-25.06 N 114-13.13 W

COUNTY..... TRIN FALLS
 GEOLGIC PROVINCE.. 17
 MAP REFERENCE..... MONTAUGH 1126000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1972/05/25 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 73.
 WELL DEPTH (M)..... 149.
 DISCHARGE..... 7300 L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM ABOVE TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 6.0

SPECIFIC CONDUCTANCE..... 205.

ALKALINITY..... 47.

TOTAL DISSOLVED SOLIDS... 209.

C-ANALYSE IMBALANCE IN DIFF.1... 0.0

ANALYSIS IN MG/L

AG..... CO3..... M

AL..... CA.....

AR..... CU.....

BA..... P..... 0.3

BR..... FE.....

CA..... MG..... 118.

CO..... MGS.....

CL..... 19.

CR..... M.....

CU..... M.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE D.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973

ISOTOPES (1/1000)

MU...	3.9	SI02.	63.
NA...	17.	SO4...	12.
NO3...	1.0		
PO4...	0.00		

RECORD 00835

GEOTHERM FILE 101 0025429

GEOTHERM SAMPLE FILE

NAME & SAMPLE SOURCE... STANLEY HOTHAM'S WELL

WELL/SPRING NUMBER... 115-101-24-ACH

LOCATION

COUNTRY..... UNITED STATES 115 019E 24 NM OF SE VE

STATE..... IDAHO

COUNTY..... TRIN FALLS

MAP REFERENCE..... MONTAUGH 1126000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 73.

WELL DEPTH (M)..... 273.

DISCHARGE..... 5110.

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEKAWA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1985

RECORD 00836

GEOTHERM FILE 101 0081278

GEOTHERM SAMPLE FILE

NAME & SAMPLE SOURCE... THEODORE STORVILL WELL

WELL/SPRING NUMBER... 115-201-76-CCC 1

LOCATION

COUNTRY..... IDAHO

COORDINATES

COUNTRY..... UNITED STATES 115 020E 34 S4 OF SW SW
 STATE..... IDAHO MERID: BOISE
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... MILNER BUTTE 1124060
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1952/09/00 RUSS
 TEMPERATURE (C)..... 32.

LAT/LONG... 42-25.05 N 114-06.36 W

WATER ANALYSIS

DATE/ANALYST..... RUSS
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 320.
 ALKALINITY..... 152. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 209.
 CHARGE IMBALANCE (% DIFF.)... 1.4
 ANALYSIS IN MU/L

ISOTOPE (U/THU)

AG.....	CO3.....	N	MG.....	8.9		
AL.....	CA.....		WJ.....		5132.	20.
AU.....	CU.....		HA.....	11.		
HA.....	F.....	3.7	NA.....		504..	13.
NA.....	FE.....		WJ.....	6.8		
CA.....	MCO3.....	180.				
CL.....						
CO.....		7.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... RUSS, 1971

RECORD 00837

GEOTHERM. SAMPLE FILE

NAME OF SAMPLE SOURCE... THERMAN WELLS WELL
 WELL/SPRING NUMBER..... 115-17E-11-COC

LOCATION

UNASSIGNED RANGE

COORDINATES

COUNTRY..... UNITED STATES 115 015E 31 SE OF SE SW
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... STRICKER BUTTE 1124060

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 240.
 FLUID DEPTH (M)..... 190.

REFERENCE AND IDENTIFICATION

COMPILED BY..... BLUEGAVETA, KIM A.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... RUSS, 1971

RECORD 00838

GEOTHERM. SAMPLE FILE

NAME OF SAMPLE SOURCE... TWIN FALLS C&O CO. WELL
 WELL/SPRING NUMBER..... 105-17E-10-COC

LOCATION

UNASSIGNED RANGE

COORDINATES

COUNTRY..... UNITED STATES 105 017E 10 SE OF SW SW
 STATE..... IDAHO
 COUNTY..... TWIN FALLS

GEOTHERM FILE 101 0025432

LAT/LONG... 42-32.92 N 114-26.29 W

MSP REFERENCE..... TWIN FALLS 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 29.
 WELL DEPTH (M)..... 165.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00839

GEOTHERM FILE ID: 0081275

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TWIN FALLS CANAL CO.

WELL/SPRING NUMBER..... 105-17E-14-CCD 1

LOCATION

COUNTY..... UNITED STATES 105 017E 14 SE OF SW SW

STATE..... IDAHO MENTOR BOISE

COUNTY..... TWIN FALLS

MSP REFERENCE..... TWIN FALLS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1956/07/20 MOSS

TEMPERATURE (C)..... 29.

WELL DEPTH (M)..... 165.

IDENTIFIED LITHOLOGY..... PLIOCENE BASALT AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 1.7

SPECIFIC CONDUCTANCE..... 230.

ALKALINITY..... 192. AS CaCO3

TOTAL DISSOLVED SOLIDS... 172.

ANALYSIS IN %

AN..... CO3..... N

AL..... CA.....

AU..... C.....

H..... F..... 0.6

NA..... FE.....

CB..... 45% HCO3..... 12%

CL..... 32% W3..... 1.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... BENHAM, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... JUSG, 1971

RECORD 00840

GEOTHERM FILE ID: 0025433

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... 105 STEEL - HANSEN PLANT

WELL/SPRING NUMBER..... 105-18E-25-HHA

LOCATION

COUNTY..... UNITED STATES 105 018E 25 NE OF NW NW

STATE..... IDAHO

COUNTY..... TWIN FALLS

MSP REFERENCE..... TWIN FALLS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 121.

REFERENCE AND IDENTIFICATION

COMPILED BY..... BIDEANETA, KIM M.
 COMPILER AFFILIATION... HAWAII DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1983

RECORD 00844

GEOTHERM FILE 101 0015284

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

WELL/SPRING NUMBER..... 135-016E-12-AB31

LOCATION

COUNTRY..... UNITED STATES 135 016E 12 W OF VE

STATE..... HAWAII

COUNTY..... TAIN FALLS

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... HOLLISTER 1124000

SAMPLE DESCRIPTION AND COMPOSITION

DATE/COLLECTOR..... 1977/09/28 MITCHELL, JIM

POINT OF COLLECTION... DISCHARGE POINT

TEMPERATURE (C)..... 74.5

DISCHARGE..... 946 L/MIN

WATER TREATMENT..... 7 HOSTILE SAMPLE 3FA FU FU MU MC

WATER ANALYSIS

PH..... 7.2 ATIC 250

SPECIFIC CONDUCTANCE..... 450

ALKALINITY..... 204 AS CAC03

TOTAL DISSOLVED SOLIDS... 204

CHARGE IMBALANCE (A DIFF).... 1.5

ANALYSIS IN MU/L

AG..... CO3..... N Li..... 0.07

AL..... CL..... 16

AS..... V Ca.....

AU..... C1..... 5132 22

H..... 6.13 F..... 2.2 VA..... 584 15

HA..... PE3.....

CA..... 300 HCO3..... 250

CA-MG..... M.....

CD..... H2S.....

CL..... 5.3 R..... 12

CO.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA

COMPILER AFFILIATION... HAWAII DEPT. WATER RESOURCES

REFERENCE..... HAWAII DEPARTMENT OF WATER RESOURCES

RECORD 00842

GEOTHERM FILE 101 0015283

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

WELL/SPRING NUMBER..... 125-017E-0A-CB31

LOCATION

COUNTRY..... UNITED STATES 125 017E 0A W OF SW

STATE..... HAWAII

COUNTY..... TAIN FALLS

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... HAWAII 1124000

COORDINATES

LAT/LONG... 42-24.6 N 114-30.8 W

UTM ZONE... 11

NORTHING... 4688106

EASTING... 705548

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1977/09/28 GRAHAM, B.

POINT OF COLLECTION.. OPEN DISCHARGE POINT

TEMPERATURE (C)..... 37.

DISCHARGE..... 7570 L/MIN

WATER TREATMENT..... 7 BUTTLE SAMPLE 3FA FU FU MU MC
WATER ANALYSIS

P..... 7.3 ATIC1 25.

SPECIFIC CONDUCTANCE..... 430.

ALKALINITY..... 205.

TOTAL DISSOLVED SOLIDS..... 202.

CHARGE IMBALANCE (A DIFF.)..... 3.3

ANALYSIS IN MG/L

AG..... CU3..... 11.

AL..... CH.....

AS..... 0.002 CU.....

AU..... 0.14 F..... 2.2

HA..... FE3.....

CA..... 37. MC3..... 250.

CA..... MG..... N

CO..... M2S.....

CL..... 5.0

CO..... 11.

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA

COMPILED AFFILIATION... IDAHO DEPT. WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1968

ISOTOPES 10/031

RECORD 00843 1

GEOTHERMAL SAMPLE SITE

NAME OF SAMPLE SOURCE... UNNAMED WELL NEAR BAYBURY HOT SPRINGS

WELL/SPRING NUMBER..... 445-14E-33-CHAI

WELL NUMBER..... 175

LOCATION

COUNTRY..... UNITED STATES OBS VINE 33 VE OF 40 50

STATE..... IDAHO MENIUS HOUSE

COUNTY..... TWIN FALLS

MAP REFERENCE..... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1977/03/24 YOUNG AND MITCHELL

TEMPERATURE (C)..... 90.

WELL DEPTH (M)..... 440

DISCHARGE..... 227 L/MIN

POTENTIAL LITHOLOGY..... QUATERNARY SEDIMENTS AND TERTIARY SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.9

SPECIFIC CONDUCTANCE..... 417.

ALKALINITY..... 135.

TOTAL DISSOLVED SOLIDS..... 351.

CHARGE IMBALANCE (A DIFF.)..... 7.7

ANALYSIS IN MG/L

AG..... CU3..... 39.

COORDINATES

LAT/LONG... 42-41.28 N 114-49.54 W

ISOTOPES 10/001

AL.....		CA.....		MG.....			
AU.....		CU.....		MO.....		SI02..	97.
H.....		F.....	15.	NA.....	100.		
HA.....		FE+3.....		NA+K..		SO4...	20.
CA.....	1.1	MC03.....	88.	NO3...	0.50		
CO.....		M2S.....		PO4...	0.03		
CL.....	27.						
CO.....			1.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE U.
 COMPUTER AFFILIATION... IDAMO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00844

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0001529

NAME OF SAMPLE SOURCE... UNNAMED WELL ABOVE BRIGGS CREEK 139
 WELL SPRING NUMBER..... 895-14E-04-JUC1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE... 17
 MSP REFERENCE..... THOUSAND SPRINGS 1324000

COORDINATES

LAT/LONG... 42-40.03 N 114-49.00 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/12/08 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 75.0
 WELL DEPTH (M)..... 140
 DISCHARGE..... 174 L/MIN

WATER ANALYSIS

P..... 8.3
 SPECIFIC CONDUCTANCE..... 309
 ALKALINITY..... 115 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 237
 CHARGE IMBALANCE (A DIFF.)... 1.5

ANALYSIS IN MG/L

AN.....		CO3.....		LI.....	0.05
AL.....		CU.....		MG.....	0.3
AS.....	0.014				
AU.....		CI.....		NO.....	5.02
H.....	0.1	F.....	3.6	NA.....	63.
HA.....		FE+3.....		NA+K..	504..
CA.....	7.0	MCU.....	140.	NO3...	0.80
CO.....		M2S.....	0.0001	PO4...	0.03
CL.....	13.				
CO.....					

ISOTOPES (0/00)

DUAL ISOTOPES FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS NO3 INCLUDES NO20 PPM WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLEET, RANDY J.
 COMPUTER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... FLEET AND YOUNG, 1973

RECORD 00845

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0001530

NAME OF SAMPLE SOURCE... INNAMED WELL, BELOW KANAKA RAPIDS (1)
 WELL/SPRING NUMBER... 095-14E-04-ADAI
 LOCATION... 10-35-12-RANGE

COORDINATES

LAT/LONG... 42-39.71 N 114-48.08 W

COUNTY... UNITED STATES 095 014E 09 NE OF SE NE
 STATE... IOWA MERIDIAN BOISE
 COUNTY... TWIN FALLS
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE... THOUSAND SPRINGS 112-000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION... 1979/03/14 U. S. GEOLOGICAL SURVEY 10440
 TEMPERATURE (C)... 73.0
 ELL DEPTH (M)... 229
 DISCHARGE... 421 L/MIN

WATER ANALYSIS

P... H₂O
 SPECIFIC CONDUCTANCE... 325
 ALKALINITY... 130 AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 240
 CHARGE IMBALANCE (A DIFF)... 0.4

ANALYSIS IN MG/L

AG...	C33...	4.	LI...	0.00	50...
AL...	C4...		MG...	0.5	50...
AS... 0.01	C5...		NO...		5132.
AT...	C6...		VA...	01.	50...
H... 0.11	P...	3.1	VA...		50...
HA...	FE...		VA...		50...
HE...	PE...		VA...		50...
CA... 11.	MG...	150.	WJ...	L 0.00	
CA...	MG...	L 0.0000	PW...	L 0.00	
CO...	H2S...				
CL... 11.					
CI...					

ISOTOPES 10/001

DEL D OF WATER... -132
 DEL D (10) OF WATER... -10.9

TRITIUM (T.U.)... 0.1 + 0.4 = 0.2

OTHER ANALYTICAL DATA... TRITIUM ANALYSIS BY P. B. WILSON, U. S. GEOL. SURVEY
 CALCULATED TOTAL DISSOLVED SOLIDS W33 INCLUDES W021 P04 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY... FLEM. HANCOCK
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE... LEWIS AND YOUNG 1993A

RECORD 00846

GEO THERM FILE 101 0001532

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... INNAMED WELL, BELOW KANAKA RAPIDS (1)
 WELL/SPRING NUMBER... 095-14E-04-ADAI

COORDINATES

LAT/LONG... 42-39.63 N 114-48.40 W

LOCATION... 10-35-12-RANGE
 COUNTY... UNITED STATES 095 014E 09 SW OF SE NE
 STATE... IOWA MERIDIAN BOISE
 COUNTY... TWIN FALLS
 GEOLOGIC PROVINCE... THOUSAND SPRINGS 112-000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTION... 1979/03/14 U. S. GEOLOGICAL SURVEY 10440
 TEMPERATURE (C)... 71.5
 ELL DEPTH (M)... 234
 DISCHARGE... 146 L/MIN

SPECIFIC CONDUCTANCE..... 307.
 ALKALITY..... 116. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 231.
 CHARGE IMBALANCE (A DIFF.)... 0.1
 ANALYSIS IN MG/L

ISOTOPIES (0/001)

AG....	CO3....	7.	LI....	0.05	
AL....	CH....		MG....	0.3	
AS.... 0.023					
AI....	CU....		MO....		512. 51.
4.... 0.12	F....	3.2	VA....	63.	
HA....	FE+3....		VA+K....		504.. 26.
CA.... 7.3	MC03....	120.	NO3..	0.04	
CA+G....	MG....	L 0.0001			
CO....	MPS....		PO4..	L 0.03	
CL.... 11.					
CO....	K....	2.8			

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS: NO3 INCLUDES NO2: PO4 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPUTER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1960A

RECORD 00847

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0001531

NAME OF SAMPLE SOURCE... INNAMED WELL BELOW KANAKA KAPIUS (2)
 WELL/SPRING NUMBER..... 095-14E-09-ADM1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 095 014E 09 44 OF SE NE
 STATE..... IDAHO MERID: MOISE

LAT/LONG... 42-39.71 N 114-48.87 W

COUNTY..... TWIN FALLS

MAP REFERENCE..... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1979/03/14 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 32.0

WELL DEPTH (M)..... 152.

DISCHARGE..... 757. L/MIN

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 311.
 ALKALITY..... 116. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 237.
 CHARGE IMBALANCE (A DIFF.)... 5.6
 ANALYSIS IN MG/L

ISOTOPIES (0/001)

AG....	CO3....	2.	LI....	0.05	
AL....	CH....		MO....	0.2	
AS.... 0.021					
AI....	CU....		MO....		512. 53.
4.... 0.11	F....	1.1	VA....	62.	
HA....	FE+3....		VA+K....		504.. 26.
CA.... 8.4	MC03....	140.	NO3..	L 0.04	
CA+G....	MG....	L 0.0001			
CO....	MPS....		PO4..	L 0.03	
CL.... 11.					
CO....	K....	2.8			

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS: NO3 INCLUDES NO2: PO4 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00848

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0001525

NAME OF SAMPLE SOURCE... INNAMED WELL, NEAR BANBURY VADATONUM (S)
 WELL/SPRING NUMBER..... AHS-14E-33-CCC1

LOCATION

IDWYSLIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... THOUSAND SPRINGS 1124000

LAT/LONG... 42-40.96 N 114-49.71 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/03/26 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 70.0
 WELL DEPTH (M)..... 146
 DISCHARGE..... 45 L/MIN

WATER ANALYSIS

PH..... 9.3
 SPECIFIC CONDUCTANCE..... 434
 ALKALINITY..... 126 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 289
 CHARGE IMBALANCE (P DIFF.)... 1.1

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG.....	CO3.....	34.	LI... 0.03		
AL.....	CH.....		MG... L 0.1		
AS..... 0.027					
AR.....	CU.....		MO... 5102. 64.		
BA..... 0.21	F.....	13.	NA... 97.		
BR.....	FE+3.....		NA+R... 504.. 26.		
CA..... 0.4	HCUS.....	HS.	NO3... L 0.04		
CD.....	HS.....	0.0001	PO4... 0.03		
CE.....	H2S.....				
CL..... 24.					
CO.....					

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS; NO3 INCLUDES NO2; PO4 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00849

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0001524

NAME OF SAMPLE SOURCE... INNAMED WELL, NEAR BANBURY VADATONUM (S)
 WELL/SPRING NUMBER..... AHS-14E-33-CCA1

LOCATION

IDWYSLIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... THOUSAND SPRINGS 1124000

LAT/LONG... 42-41.16 N 114-49.58 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/03/15 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 64.5
 WELL DEPTH (M)..... 156.
 DISCHARGE..... 303. L/MIN

WATER ANALYSIS

PH..... 9.4
 SPECTIC CONDUCTANCE..... 441.
 ALKALINITY..... 131. AS CAC03
 TOTAL DISSOLVED SOLIDS..... 321.
 CHARGE IMBALANCE (% DIFF.).... 2.8

ANALYSIS IN MG/L

AG.....	CO3.....	38.	LI.....	0.04
AL.....	CR.....		MG.....	0.1
AS..... 0.029				
AU.....	CU.....		MO.....	5102. 88.
B..... 0.23	F.....	12.	NA.....	100.
BA.....	FE+3.....		NA+K.....	504.. 27.
CA..... 3.3	HCO3.....	83.	NO3.....	0.09
CA+IG.	MG.....	0.0001	PO4.....	0.03
CD.....	H2S.....			
CL..... 22.				
CO.....	K.....	1.8		

ISOTOPES (0/00)

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS; NO3 INCLUDES NO2; PO4 WAS CALCULATED FROM TOTAL P
 REFERENCE ADJUSTMENT

COMPILED BY..... LIEB, RANDY J.
 COMPILED AFFILIATION..... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00850

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL NEAR BANBURY NATATORIUM (3)

GEOHERM FILE 101 J001523

WELL/SPRING NUMBER..... AMS-14E-13-CB01

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... THOUSAND SPRINGS 1:24000

COORDINATES

LAT/LONG... 42-41.18 N 114-49.52 W

SAMPLE DESCRIPTION AND COMMENTS

DATE/COLLECTOR..... 1979/03/15 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 62.0
 WELL DEPTH (M)..... 165.
 DISCHARGE..... 15. L/MIN

WATER ANALYSIS

PH..... 9.2
 SPECTIC CONDUCTANCE..... 459.
 ALKALINITY..... 135. AS CAC03
 TOTAL DISSOLVED SOLIDS..... 330.
 CHARGE IMBALANCE (% DIFF.).... 0.1

ANALYSIS IN MG/L

AG.....	CO3.....	38.	LI.....	0.03	SH.....
AL.....	CR.....		MG.....	0.2	SC.....
AS..... 0.032					
AU.....	CU.....		MO.....	5102. 94.	
B..... 0.23	F.....	13.	NA.....	100.	
BA.....	FE+3.....		NA+K.....	504.. 27.	
CA..... 3.7	HCO3.....	88.	NO3.....	0.09	

ISOTOPES (0/00)

DEL D OF WATER..... -135.
 DEL O(18) OF WATER... -17.7

CA+MG..... MG..... L 0.0001
 CD..... H2S..... PU4... 0.03
 CL..... 23.
 CO..... K..... 2.1

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS; NO3 INCLUDES NO2; PU4 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00851

GEO THERM SAMPLE FILE

GEO THERM FILE 101 0001519

NAME OF SAMPLE SOURCE... UNNAMED WELL, NEAR BANNHUR NATATORIUM(1)
 WELL/SPRING NUMBER..... N9S-14E-32-UAA1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... THOUSAND SPRINGS 1:24000

LAT/LONG... 42-41.28 N 114-49.87 W

DATE/COLLECTOR..... 1979/08/15 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 45.5

WELL DEPTH (M)..... 166.

DISCHARGE..... 34. L/MIN

WATER ANALYSIS

P..... 9.1

SPECIFIC CONDUCTANCE..... 449.

ALKALINITY..... 134.

TOTAL DISSOLVED SOLIDS... 343.

CHARGE IMBALANCE (X DIFF.)... 21.0

ANALYSIS IN MG/L

AN..... CO3..... 31.

AL..... CH.....

AS..... 0.029

CU..... 0.23

HA..... 0.9

CA+MG.....

CD..... 30.

CL..... K..... 1.8

CO.....

CU.....

FE+3.....

HCO3.....

MG..... L 0.0001

H2S.....

PU4... 0.03

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS; NO3 INCLUDES NO2; PU4 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY J.

COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY

REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00852

GEO THERM SAMPLE FILE

GEO THERM FILE 101 0001536

NAME OF SAMPLE SOURCE... UNNAMED WELL, NEAR BURL (1)

WELL/SPRING NUMBER..... N9S-14E-36-UAC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... BUHL 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1979/03/14 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 29.0
 WELL DEPTH (M)..... 276.
 DISCHARGE..... 944. L/MIN

LAT/LONG... 42-35.80 N 114-45.35 W

WATER ANALYSIS

P..... 7.9
 SPECIFIC CONDUCTANCE..... 499.
 ALKALINITY..... 139. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 363.
 CHARGE IMBALANCE (% DIFF.)... 2.5
 ANALYSIS IN MG/L

AG.....	CO3..... N	LI...	0.07	SB...
AL.....	CU.....	MG...	5.4	SC...
AS..... 0.009				
AU.....	CU.....	MO...		SI02. 66.
M..... 0.12	F..... 1.9	NA...	61.	
HA.....	FE+3....	NAOK.		SO4.. 61.
HF.....	FE(TOT)...	NO...		SR...
CA..... 366	HCO3..... 170.	VO3...	6.6	
CA+MG...	MG..... 0.0002			
CD.....	H2S.....	PO4.. L 0.03		
CL..... 31.				
CO.....	K..... 10.			

ISOTOPES (0/00)

DEL D OF WATER..... -130.
 DEL O(18) OF WATER... -16.6

TRITIUM (T.U.)..... N

OTHER ANALYTICAL DATA... TRITIUM ANALYSIS BY T. A. MYERMAN, U. S. GEOL. SURVEY

QUALIFICATION FIELD... CALCULATED TOTAL DISSOLVED SOLIDS; V03 INCLUDES M02; P04 WAS CALCULATED FROM TOTAL P

REFERENCE AND QUALIFICATION

COMPILED BY..... LIEH, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1963A

RECORD 00853

GEOCHEMICAL SAMPLE FILE

GEOCHEM FILE 101 0001534

NAME OF SAMPLE SOURCE... UNNAMED WELL, NEAR BUHL-WENDELL ROAD (1)
 WELL/SPRING NUMBER..... 825-14E-13-0001

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... THOUSAND SPRINGS 1124000

LAT/LONG... 42-38.26 N 114-45.18 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/03/27 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 26.0
 WELL DEPTH (M)..... 276.
 DISCHARGE..... 272. L/MIN

WATER ANALYSIS

P..... 8.3
 SPECIFIC CONDUCTANCE..... 321.
 ALKALINITY..... 110. AS CaCO3

TOTAL DISSOLVED SOLIDS... 204.
 CHARGE IMBALANCE (± DIFF.)... 0.8
 ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3.... N	LI...	0.08		
AL....	CH....	MG...	0.2		
AS.... 0.00A					
AU....	CU....	MO...		SiO2.	82.
BA.... 0.14	Fe.... 4.8	NA...	62.		
CA....	FE+3...	NA+K.		SO4..	21.
CA+10.	HC03.... 140.	NO3..	1.5		
CD....	MG.... L 0.0001				
CL.... 9.9	H2S....	PO4.. L 0.03			
CO....					
	R.... 5.0				

QUALIFICATION FIELD... CALCULATED TOTAL DISSOLVED SOLIDS: NO3 INCLUDES NO2: PO4 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION

COMPILED BY... IIEH, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE... LEWIS AND YOUNG, 1980A

RECORD 00854

GEOGRAPHIC SAMPLE FILE

GEOGRAPHIC FILE 10: 0001535

NAME OF SAMPLE SOURCE... UNNAMED WELL, NEAR MELON VALLEY (1)

WELL/SPRING NUMBER... A95-14E-23-ADD1

LOCATION

SHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 095 014E 23 SE OF NW VE

LAT/LONG... 42-38.00 N 114-46.05 W

STATE... IDAHO

MERID: MOISE

COUNTY... TWIN FALLS

GEOLOGIC PROVINCE... 17

MSP REFERENCE... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND COLLECTION

DATE/COLLECTOR... 1977/03/27 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)... 25.0

WELL DEPTH (M)... 107.

DISCHARGE... 114. L/MIN

WATER ANALYSIS

P... 8.1

SPECIFIC CONDUCTANCE... 330.

ALKALINITY... 130.

TOTAL DISSOLVED SOLIDS... 286.

CHARGE IMBALANCE (± DIFF.)... 4.5

ANALYSIS IN MG/L

AS CaCO3

ISOTOPES 10/001

AG....	CO3.... N	LI...	0.05		
AL....	CH....	MG...	1.1		
AS.... 0.00A					
AU....	CU....	MO...		SiO2.	81.
BA.... 0.12	Fe.... 2.4	NA...	53.		
CA....	FE+3...	NA+K.		SO4..	22.
CA+10.	HC03.... 180.	NO3..	2.1		
CD....	MG.... L 0.0001				
CL.... 14.	H2S....	PO4.. 8.6			
CO....					
	R.... 7.5				

QUALIFICATION FIELD... CALCULATED TOTAL DISSOLVED SOLIDS: NO3 INCLUDES NO2: PO4 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH, RANDY J.
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00855

GEOTHERM FILE ID: 0001516

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL, NEAR SALMON FALLS CREEK
 WELL/SPRING NUMBER..... 045-14E-30-0A01

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 TWP REFERENCE..... THOUSAND SPRINGS 1124000

LAT/LONG... 42-42.04 N 114-51.02 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/03/26 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 62.0
 WELL DEPTH (M)..... 213.

DISCHARGE..... 74. L/MIN

WATER ANALYSIS

P..... 744
 SPECIFIC CONDUCTANCE..... 634.
 ALKALINITY..... 134. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 400.

CHARGE-BALANCE IN DIFF. 1... 15.9

ANALYSIS IN MG/L

AG..... CO3..... 55.
 AL..... CA.....
 AS..... 0.043
 AR.....
 BA..... 0.47
 BR.....
 CA..... 0.7
 CB.....
 CC.....
 CD.....
 CE..... 44.
 CF.....
 CG.....
 CH.....
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SLOPES (0/100)

DEL U OF WATER..... -137.
 DEL O(18) OF WATER... -17.2

INITIUM (T.U.)..... 0.1 OR 0.1

OTHER ANALYTICAL DATA... INITIUM ANALYSIS BY T. A. MYERMAN, U. S. GEOL. SURVEY
 QUALIFICATION FIELD... CALCULATED TOTAL DISSOLVED SOLIDS: NO3 INCLUDES NO2: PO4 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LIEH, RANDY J.
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00856

GEOTHERM FILE ID: 0001515

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL, NEAR SALMON FALLS HOT SPRING(1)
 WELL/SPRING NUMBER..... 045-14E-30-AC02

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 TWP REFERENCE..... THOUSAND SPRINGS 1124000

LAT/LONG... 42-42.22 N 114-51.33 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/04/15 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 72.0
 DISCHARGE..... 454. L/MIN

WATER ANALYSIS

pH..... 9.30
 SPECIFIC CONDUCTANCE..... 633.
 ALKALINITY..... 135. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 406.
 CHARGE IMBALANCE IN DIFF. 1... 1.7

ANALYSIS IN MU/L

AG....	CO ₃	52.	LI....	0.06		
AL....	CR....		MG....	0.1		
AS.... 0.052						
AU....	CU....		MO....		SI02.	86.
BA.... 0.47	FE....	27.	NA....	140.		
BR....	FE+3....		NA+K.		504..	35.
CA.... 0.9	MCU ₃	59.	NO ₃ ..	0.04		
CA+MG.	MG....	0.0001				
CH....	MZS....		PO ₄ ..	L 0.03		
CL.... 51.						
CO....	K.....	1.2				

ISOTOPES (0/001)

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS: NO₃ INCLUDES MU₂ PO₄ WAS CALCULATED FROM TOTAL P
 REFERENCE AND QUALIFICATION

COMPILED BY..... LIEB, RANDY J.
 COMPUTER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00857

GEOCHEM. SAMPLE TITLE

GEOCHEM FILE 101 0001517

NAME OF SAMPLE SOURCE... MINAMED WELL, NEAR SALMON FALLS HOT SPRING(2)

WELL/SPRING NUMBER..... OHS-14E-30-08A1

LOCATION

IDYSS11P-9AYNE

COORDINATES

COUNTY..... UNITED STATES

OHS 014E 30 VE OF NW SE

LAT/LONG... 42-42.15 N 114-51.40 W

STATE..... IDAHO

MERID: BOISE

COUNTY..... TWIN FALLS

MSP REFERENCE..... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/04/25 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 71.5

WELL DEPTH (M)..... 137.

DISCHARGE..... 2460. L/MIN

WATER ANALYSIS

pH..... 9.5
 SPECIFIC CONDUCTANCE..... 646.
 ALKALINITY..... 138. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 402.
 CHARGE IMBALANCE IN DIFF. 1... 1.4

ANALYSIS IN MU/L

AG....	CO ₃	55.	LI....	0.06		
AL....	CR....		MG....	0.1		
AS.... 0.047						
AU....	CU....		MO....		SI02.	82.
BA.... 0.51	FE....	27.	NA....	140.		
BR....	FE+3....		NA+K.		504..	35.
CA.... 1.5	MCU ₃	54.	NO ₃ ..	L 0.04		

ISOTOPES (0/001)

CA+MG. MG..... 0.0002
 CO.... H2S..... PO4... 0.03
 CL.... 51. K..... 1.5
 CO....

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS NO3 INCLUDES NO2; PO4 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00858

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0001527

NAME OF SAMPLE SOURCE... UNNAMED WELL, OPPOSITE BRIGGS CREEK (1)
 WELL/SPRING NUMBER..... 095-14E-04-HDC1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE... 17
 MSP REFERENCE..... THOUSAND SPRINGS 1124000

COORDINATES

LAT/LONG... 42-40.51 N 114-49.50 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1979/03/27 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 42.5

WELL DEPTH (M)..... 114

DISCHARGE..... 148 L/MIN

WATER ANALYSIS

P..... 9.2
 SPECIFIC CONDUCTANCE..... 425
 ALKALINITY..... 130 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 333
 CHARGE IMBALANCE (B DIFF.)... 7.0
 ANALYSIS IN MG/L

AG....	CO3....	34.	LI....	0.03	SH....
AL....	CH....		MG....	0.1	SC....
AS....	0.031				
AI....					
BA....	0.21		MO....	5102.	76.
BR....		12.	NA....	93.	
CA....	1.3		NA+K.	504.	27.
CB....		89.	NO3..	L 0.04	
CC....		0.0001			
CD....	24.		PO4..	L 0.03	
CE....					
CF....					
CG....					
CH....					
CI....					
CJ....					
CK....					
CL....					
CM....					
CN....					
CO....					
CP....					
CQ....					
CR....					
CS....					
CT....					
CU....					
CV....					
CW....					
CX....					
CY....					
CZ....					

ISOTOPES (02/001)

DEL D OF WATER..... -135.
 DEL D(18) OF WATER... -17.7

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS NO3 INCLUDES NO2; PO4 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00859

GEOCHEM. SAMPLE FILE

GEOCHEM FILE 101 0001528

NAME OF SAMPLE SOURCE... UNNAMED WELL, OPPOSITE BRIGGS CREEK (2)
 WELL/SPRING NUMBER..... 095-14E-04-CDH1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 09S 014E 04 NW OF SE SW
 STATE..... IDAHO MENIUS HOISE
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... THOUSAND SPRINGS 1124000
 SAMPLE DESCRIPTION AND COMPOSITIONS

LAT/LONG... 42-40.20 N 114-49.50 W

DATE/COLLECTOR..... 1979/03/15 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 74.0
 WELL DEPTH (M)..... 146.
 DISCHARGE..... 11355 L/MIN

WATER ANALYSIS

PH..... 8.7
 SPECIFIC CONDUCTANCE..... 322.
 ALKALINITY..... 102.
 TOTAL DISSOLVED SOLIDS..... 4236.
 CHARGE IMBALANCE (A DIFF.)... 0.4

AS CaCO3

ANALYSIS IN MG/L

AG..... CO3..... 7.
 AL..... CR.....
 AS..... 0.022
 AU.....
 H..... 0.12
 HA.....
 CA..... 5.4
 CA.....
 CO.....
 CL..... 13.
 CO.....

LI..... 0.05
 MG..... 0.2
 MO.....
 NA..... 66.
 NA.....
 NO3..... 0.04
 PO4..... 0.03

ISOTOPES (0/00)

DEL D OF WATER..... -131.
 DEL D(18) OF WATER... -16.8

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS: NO3 INCLUDES NO2: PO4 WAS CALCULATED FROM TOTAL P
 REFERENCE AND IDENTIFICATION
 SAMPLED BY..... LIEB, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00860

GEOCHEM FILE 101 0001526

GEOCHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... INNAMED WELL, 4 MILES N. OF BALANCED ROCK
 WELL/SPRING NUMBER..... 095-13E-13-CB01

LOCATION

COUNTY..... UNITED STATES 09S 014E 33 SE OF NW SW
 STATE..... IDAHO MENIUS HOISE
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE..... BUML 1162500

COORDINATES

LAT/LONG... 42-35.92 N 114-56.70 W

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1978/06/26 U. S. GEOLOGICAL SURVEY, IDAHO
 TEMPERATURE (C)..... 70.0
 WELL DEPTH (M)..... 256.
 DISCHARGE..... 4542 L/MIN

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 325.
 ALKALINITY..... 94.
 TOTAL DISSOLVED SOLIDS... 275.
 CHARGE IMBALANCE (A DIFF.)... 3.3

AS CaCO3

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.... N	LI....	0.05	SR....		DEL D OF WATER.....	-131.
AL....	CH.....	MG....	3.9	SC....		DEL U(18) OF WATER...	-16.2
AS.... 0.009							
AIJ....	CU.....	MO....		SI02..	86.		
R.... 0.06	F..... 1.8	NA....	35.	SO4...	35.		
RA....	FE+3....	NO3...	4.0				
CA.... 26.	MC03.... 120.						
CA+IG.	MG..... L 0.0001						
CO....	M2S.....	PO4... L 0.03					
CL.... 16.							
CO....	R..... 7.9						

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS; NO3 INCLUDES NO2; PO4 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00861

GEOCHEM. SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL, BELOW KANAKA RAPIDS (4)

GEOCHEM. FILE NO: 0001533

WELL/SPRING NUMBER..... 095-14E-10-CBH1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS

COORDINATES

LAT/LONG... 42-39.52 N 114-48.60 W

MSP REFERENCE..... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1979/03/14 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)..... 12.5

WELL DEPTH (M)..... 187.

DISCHARGE..... 265. L/MIN

WATER ANALYSIS

PH..... 8.3

SPECIFIC CONDUCTANCE..... 316.

ALKALINITY..... 123.

TOTAL DISSOLVED SOLIDS... 240.

CHARGE IMBALANCE (X DIFF.)... 3.2

ANALYSIS IN MU/L

AG....	CO3.... N	LI....	0.05		
AL....	CH.....	MG....	0.5		
AS.... 0.019					
AIJ....	CU.....	MO....		SI02..	51.
R.... 0.11	F..... 2.9	NA....	62.	SO4...	25.
RA....	FE+3....	NO3... L 0.04			
CA.... 10.	MC03.... 150.	PO4... L 0.03			
CA+IG.	MG..... L 0.0001				
CO....	M2S.....				
CL.... 11.					
CO....	R..... 3.5				

ISOTOPES (0/001)

QUALIFICATION FIELD..... CALCULATED TOTAL DISSOLVED SOLIDS; NO3 INCLUDES NO2; PO4 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH, RANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980A

RECORD 00862

GEOTHERM FILE 101 0001520

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL NEAR BANBURY NATATORIUM (2)

WELL/SPRING NUMBER... 085-14E-32-00C1

LOCATION

COUNTRY... UNITED STATES 085 014E 32 SW OF SE SE

STATE... IDAHO

COUNTY... TWIN FALLS

MAP REFERENCE... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1979/04/04 U. S. GEOLOGICAL SURVEY, IDAHO

TEMPERATURE (C)... 42.5

WELL DEPTH (M)... 163.

DISCHARGE... 644 L/MIN

WATER ANALYSIS

P... 9.3

SPECIFIC CONDUCTANCE... 394.

ALKALINITY... 121.

TOTAL DISSOLVED SOLIDS... 273.

CHARGE IMBALANCE (A DIFF.)... 3.5

ANALYSIS IN MG/L

AG... 31.

AL... 31.

AS... 0.028

AU... 0.17

BA... 0.17

BR... 0.17

CA... 1.3

CA... 0.0002

CD... 1.0

CL... 1.0

CO... 1.7

CR... 1.7

CU... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

FE... 1.7

AS CAC03

ISOLUPES (02/00)

DEL D OF WATER... -13%

DEL 01101 OF WATER... -17.1

INITIUM (T.U.)... 0.2 - 0.1

OTHER ANALYTICAL DATA... INITIUM ANALYSIS BY T. A. WYERMAN, U. S. GEOL. SURVEY

QUALIFICATION FIELD... CALCULATED TOTAL DISSOLVED SOLIDS; NO3 INCLUDES NO2; PO4 WAS CALCULATED FROM TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY... LIEB, RANDY J.

COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY

REFERENCE... LEWIS AND YOUNG, 1980A

RECORD 00863

GEOTHERM FILE 101 0025425

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WESLEY REYNOLDS WELL

WELL/SPRING NUMBER... 095-14E-10-00C

LOCATION

COUNTRY... UNITED STATES 095 014E 10 SW OF SW 1/4

STATE... IDAHO

COUNTY... TWIN FALLS

GEOLOGIC PROVINCE... 17

MAP REFERENCE... THOUSAND SPRINGS 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 73.

WELL DEPTH (M)... 164.

DISCHARGE..... 3785. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPUTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS. 1980

RECORD 00864

GEOTERM. SAMPLE FILE

GEOTERM FILE 101 0025437

NAME OF SAMPLE SOURCE... WRIGHT FUEL CO WELL
 WELL/SPRING NUMBER..... 095-14E-24-HCA

LOCATION:

LODYSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 095 014E 24 NE OF SW NW

LAT/LONG... 42-38.00 N 114-46.13 W

STATE..... IDAHO

COUNTY..... TWIN FALLS

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... THOUSAND SPRINGS 1124000

SAMPLE DESCRIPTION AND COMPOSITIONS

TEMPERATURE (C)..... 74

WELL DEPTH (M)..... 42

DISCHARGE..... 55. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPUTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS. 1980

RECORD 00865

GEOTERM. SAMPLE FILE

GEOTERM FILE 101 0025438

NAME OF SAMPLE SOURCE... RADLEY WARM SPRING

WELL/SPRING NUMBER..... 15N-04E-21-CBH

LOCATION:

LODYSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 15N 004E 21 NW OF NW OF SW

LAT/LONG... 44-37.25 N 115-59.08 W

STATE..... IDAHO

COUNTY..... VALLEY

MAP REFERENCE..... GOLD FORK 1162500

SAMPLE DESCRIPTION AND COMPOSITIONS

TEMPERATURE (C)..... 78

DISCHARGE..... 151. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 202

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPUTER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00866

GEOTERM. SAMPLE FILE

GEOTERM FILE 101 0001539

NAME OF SAMPLE SOURCE... RADLEY WARM SPRING

WELL/SPRING NUMBER..... 15N-04E-21-UCC15

LOCATION:

LODYSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 15N 004E 21 SW OF SW OF SE

LAT/LONG... 44-36.95 N 115-58.55 W

STATE..... IDAHO

COUNTY..... VALLEY

GEOLOGIC PROVINCE.. 19

MAP REFERENCE..... GOLD FORK 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/06/27
 TEMPERATURE (C)..... 34.0
 DISCHARGE..... 0.117 L/MIN
 WATER ANALYSIS

PH..... 9.6
 SUFECTIC CONDUCTANCE..... 206.
 ALKALINITY..... 84.
 TOTAL DISSOLVED SOLIDS... 0.146.
 CHARGE IMBALANCE (R DIFF.)... 5.9
 ANALYSIS IN MG/L

AS CaCO3

ISOTOPES (0/001)

AG....	CO3....	34.	LI....	0.008	
AL....	CH....		MG....	0.1	
AS....	0.003				
AI....	CU....		MO....		5132. 48.
H....	0.01		NA....	43.	504.. 7.8
HA....	FE+3....	3.1			
CA....	1.3		NO3..	1 0.04	
CA+MG.	HCO3....	32.			
CO....	MG....	L 0.00601	PO4..	0 0.03	
CL....	2.5				
CO....	K....	0.5			

QUANTIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS; NO3 WAS REPORTED AS

TOTAL N. NO3 WAS REPORTED AS TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEO, RANDY J.

COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY

REFERENCE..... LEWIS AND YOUNG, 1980B

RECORD 00867

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BEAR VALLEY HOT SPRING

WELL/SPRING NUMBER..... 13N-10E-22-UBH

LOCATION

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

MAP REFERENCE..... BLUE HUNCH MTN. 1124000

REFERENCE AND IDENTIFICATION

COMPILED BY..... HIDEGANETA, KIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... BUSS, 1971

GEOTHERM FILE 101 0025439

RECORD 00868

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BELVIDERE HOT SPRING

WELL/SPRING NUMBER..... 13N-03E-13-AJAS

LOCATION

COUNTY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

GEOLOGIC PROVINCE... 13

MAP REFERENCE..... SMITH'S FERRY 1162500

COORDINATES

LAT/LONG... 44-27.84 N 116-02.26 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/06/26
 TEMPERATURE (C)..... 49.0
 DISCHARGE..... 76. L/MIN
 WATER ANALYSIS

pH..... 9.3
 SPECIFIC CONDUCTANCE..... 433.
 ALKALINITY..... 102. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 0 256.
 CHARGE BALANCE (A DIFF.)... 4.6

ANALYSIS IN MG/L

AG.....	CO ₃	34.	LI.....	0.06		
AL.....	CR.....		MG.....	L 0.1		
AS.....	0.021		CU.....		SI0 ₂ ..	61.
AU.....			4.....	85.	SO ₄ ..	24.
H.....	0.31		FE+3.....			
RA.....			MC0 ₃	56.		
CA.....	1.2		MG.....	0.0001		
CD.....			PO ₄ ..	0.003		
CL.....	28.					
CO.....						

ISOTOPES (0/00)

QUALIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX: NO3 = NO3 + NO2 (AS TOTAL N).

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEM, RANDY J.
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980B

RECORD 00869

GEOGRAPHIC SAMPLE FILE

GEOGRAPHIC FILE 101 0025441

NAME OF SAMPLE SOURCE... REFLUGERE HOT SPRING

WELL/SPRING NUMBER..... 1 IN-03E-13-AD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 13N 03E 13 SE OF NE NE

LAT/LONG... 44-27.89 N 116-02.21 W

STATE..... IDAHO

COUNTY..... VALLEY

MAP REFERENCE..... MT. JORDAN 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 44

DISCHARGE..... 94

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDGEMAN, RIM M.

COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00870

GEOGRAPHIC SAMPLE FILE

GEOGRAPHIC FILE 101 0041283

NAME OF SAMPLE SOURCE... ROUTING SPRING HOT SPRINGS

WELL/SPRING NUMBER..... 12N-05E-22-MHC 19

WELL NUMBER..... 34

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 12N 05E 22 SW OF NW NW

LAT/LONG... 44-21.85 N 115-51.36 W

STATE..... IDAHO

COUNTY..... VALLEY

WELL NUMBER..... 34

MJP REFERENCE..... BOILING SPRINGS 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/10/20 MITCHELL, JOHN
 TEMPERATURE (C)..... 85
 DISCHARGE..... 2271. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.6

SPECIFIC CONDUCTANCE..... 360.

ALKALINITY..... 106.

TOTAL DISSOLVED SOLIDS... 269.

ANALYSIS IN MU/L

AL.....

CA.....

CO.....

CU.....

HCO3.....

H2S.....

MU.....

NO3.....

PO4.....

SI02.....

89.

ISOTOPES 10/001

0.01

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHU DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00871

GEOGRAPHIC SAMPLE FILE

NAME OF SAMPLE SOURCE... BOILING SPRINGS

WELL/SPRING NUMBER..... 12N-05E-22-H8C 15

WELP NUMBER..... 78

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

MJP REFERENCE..... BOILING SPRINGS 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/03 YOUNG AND MITCHELL

TEMPERATURE (C)..... 85

DISCHARGE..... 425. L/MIN

PERTINENT LITHOLOGY..... SPRINGS ISSUE FROM NE TREWING FAULT IN CRETACEOUS GRANITIC ROCK.

OTHER SAMPLE INFORMATION... NUMEROUS VENTS WITH GAS BUBBLES.

WATER ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

P..... 8.6

SPECIFIC CONDUCTANCE..... 331.

ALKALINITY..... 106.

TOTAL DISSOLVED SOLIDS... 269.

CLASS IMBALANCE (A DIFF.)... 5.0

ANALYSIS IN MU/L

AL.....

CA.....

CO.....

CU.....

HCO3.....

H2S.....

MU.....

NO3.....

PO4.....

SI02.....

94.

ISOTOPES 10/001

0.1

0.0

71.

NA.....

K.....

NO3.....

PO4.....

SI02.....

94.

SI02.....

12.

0.04

0.02

CL.....

CO.....

CU.....

HCO3.....

H2S.....

MU.....

NO3.....

PO4.....

SI02.....

94.

OTHER ANALYTICAL DATA... PHOSPHATE = 0.02 MG/L.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00872

GEOCHEM. SAMPLE FILE

GEOCHEM FILE ID: 0021518

NAME OF SAMPLE SOURCE... BOILING SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12N 00SE 22 SW OF NW OF NW

LAT/LONG... 44-21.84 N 115-51.36 W

STATE..... IDAHO

MERID: BOISE

COUNTY..... VALLEY

MAP REFERENCE..... BOILING SPRINGS 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/05/00

TEMPERATURE (C)..... 96

PERMIT/LITHOLOGY..... SPRINGS ISSUE FROM NE TRENDING FAULT IN CRETACEOUS GRANITIC RX.

WATER ANALYSIS

ANALYSIS IN MG/L

AL.....

CR.....

MG.....

SC.....

ISOTOPES (0/00)

DEL O(18) OF WATER... -17.44

AS.....

CS.....

MN.....

SE.....

DEL O(18) OF SO4..... 0.3

HA.....

FE+3.....

NA+K.....

SO4... 110.

CL..... 19

REFERENCE AND IDENTIFICATION

COMPILED BY..... LAWSON, WILLIAM A.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... NEMMING AND OTHERS, 1979

RECORD 00873

GEOCHEM. SAMPLE FILE

GEOCHEM FILE ID: 0021519

NAME OF SAMPLE SOURCE... BOILING SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12N 00SE 22 SW OF NW OF NW

LAT/LONG... 44-21.85 N 115-51.36 W

STATE..... IDAHO

MERID: BOISE

COUNTY..... VALLEY

MAP REFERENCE..... BOILING SPRINGS 1162500

OTHER LOCALITY INFORMATION: LARGEST SPRING NEAR NORTH END OF SPRING TERRACE ON WEST BANK OF "MIDDLE FORK PAYETTE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/08/05

SAMPLE NUMBER..... 3

TEMPERATURE (C)..... 96

DISCHARGE..... 114 L/MIN

DEPOSITS OR ALTERATION... SMALL DEPOSITS OF CALCITE, CINNABAR, METACINNABAR, AND MnO2.

PERMIT/LITHOLOGY..... SPRINGS EMERGE FROM SHEAR ZONE IN GRANODIORITE OF "IDAHO" BATHOLITIC, ASSOCIATED WITH

CARBONATE-CEMENTED TERRACE GRAVEL

WATER ANALYSIS

ANALYST.....

KRAMER, M.

pH..... 9.1

SPECIFIC CONDUCTANCE..... 321

CATION BALANCE (A DIFF)..... 1.0

ANALYSIS IN MM/L

AL..... 0.004

CR..... 276

LI... 0.02

SR... 0.1

ISOTOPES (0/00)

AL....	0.1	CR.....	0.003	MG....	N		
AS....	L 0.1	CS.....		MN....	0.004		
AU....		CU.....	0.01	MO....		SI02..	81.
H....	0.3	F.....	11.	NA....	74.		
HA....		FE+3....		NA+K..		SO4...	12.
HE....		FE(TOT)..	0.4	NB....		SR...	0.2
CA....	2.2	HC03....	79.	NO3...	0.5		
CA+MG.		MG.....	N				
CO....		M2S.....	1.				
CL....	14.						
CO....		K.....	1.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LAWSON, WILLIAM A.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE AND OTHERS, 1963

RECORD 00674

GEOTHERM FILE 101 0021520

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BOILING SPRINGS

WELL NUMBER..... 7H

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

MAP REFERENCE..... BOILING SPRINGS 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/10/00

TEMPERATURE (C)..... 84.

PERTINENT LITHOLOGY..... SPRINGS ISSUE FROM NE TRENDING FAULT IN CRETACEOUS GRANITIC RX.

WATER ANALYSIS

pH..... 9.2

SPECIFIC CONDUCTANCE..... 322.

TOTAL DISSOLVED SOLIDS..... 260.

CHANGE IN BALANCE (% DIFF.)... 3.0

ANALYSIS IN MG/L

AG....		CO3....	25.	MG....	N		
AI....		CL....		MO....		SI02..	80.
AU....		CU....		NA....	72.		
H....		F.....	9.7	NA+K..		SO4...	10.
HA....		FE+3....		NO3...	0.1		
CA....	1.	HC03....	47.				
CL....	11.						
CO....		K.....	8.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LAWSON, WILLIAM A.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... RJSS, 1971

RECORD 00675

GEOTHERM FILE 101 0001546

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BOILING SPRINGS

WELL NUMBER..... 12H-005E-72-HHC15

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

MAP REFERENCE..... BOILING SPRINGS 1162500

COORDINATES

LAT/LONG... 44-21.85 N 115-51.36 W

STATE..... IDAHO MERID: BOISE
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... BOILING SPRINGS 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1978/05/09 MARINER, R.; EVANS, W.
 TEMPERATURE (C)..... 86.0
 DISCHARGE..... 4134 L/MIN
 PERTINENT LITHOLOGY..... SPRINGS ISSUE FROM NE TRENDING FAULT IN CRETACEOUS GRANITIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... 1978/07/00 BARNES GROUP

PH..... 8.70

SUFECTIC CONDUCTANCE..... 330.

ALKALINITY..... 108.

TOTAL DISSOLVED SOLIDS... 259.

CHARGE BALANCE (8 DIFF.)... 0.2

ANALYSIS IN MG/L

AG....	CO3.....	18.	LI....	0.08	SR....	
AL.... 0.105	CH.....		MG.... L 0.1		SC....	
AS.... 0.01	CS..... L 0.1		MN.... L 0.010		SIC2..	86.
AU....	CU..... L 0.010		MO....			
B.... 0.04	F..... 13.		NA....	74.	SO4...	10.
HA....	FE+3....		NAOK..			
HE....	FE(TOT).. L 0.020					
HR....	GE.....		NI.... L 0.020			
CA.... 1.4	HCO3.... 126.		NO3... L 0.01			
CA+MG..	MG..... 0.0001		PH.... L 0.1			
CO.... L 0.005	H2S.....		PO4... U 0.03			
CL.... 14.	I.....		NH.... 0.02		ZN.... L 0.010	
CO2.... L 0.020	K..... 1.4					

ISOTOPES (0/00)

DEL D OF WATER..... -13.4
 DEL D(18) OF WATER... -17.7

GAS ANALYSIS

DATE/ANALYST..... 1978/07/00 BARNES GROUP

ANALYSIS

CH4... 0.04

C2H6...

ISOTOPES (00/00)

OTHER ANALYTICAL DATA... CARBONATE ALKALINITY AT TITRATION TEMPERATURE CALCULATED BY SOLMNEQ. HCO3 77. MG/L; CO3 8.8 MG/L.

QUALIFICATION FIELD..... NO3 = NO2 + NO3 AS TOTAL N. PO4 = TOTAL P.

REFERENCE AND IDENTIFICATION

COMPILED BY..... IEM, RANDY J.

COMPILED AFFILIATION... H. S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, W.; USGS, MENLO PARK

RECORD 00876

GEOCHEMICAL SAMPLE FILE

NAME OF SAMPLE SOURCE... RYAN CREEK - UNNAMED SPRING

WELL/SPRING NUMBER..... 12N-05E-10-0001S

LOC. PLOT

COUNTRY..... UNITED STATES LONGSHIP-HAYGE

STATE..... IDAHO 12N 005E 10 SE OF SE OF SE

COUNTY..... VALLEY MERID: BOISE

GEOLOGIC PROVINCE.. 19

MAP REFERENCE..... BOILING SPRINGS 1162500

LOCALITY INFORMATION: 1.3 MILES NE OF "BOILING SPRINGS GUARD STATION".

SAMPLE DESCRIPTION AND CONDITIONS

GEOCHEM FILE 101 0001545

DATE/COLLECTOR..... 1979/07/08
 TEMPERATURE (C)..... 46.5
 DISCHARGE..... 0.83 L/MIN
 WATER ANALYSIS
 ANALYSIS IN MU/L
 QUALIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LIEB, RANDY J.
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980B

RECORD 00877

GEOTHERMAL SAMPLE FILE
 NAME OF SAMPLE SOURCE... RULL CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 13N-36E-29-DAHIS
 WELL NUMBER..... 79

GEOTHERMAL FILE 108 0001542

LOCATION:
 COUNTY..... UNITED STATES 13N 006E 29 NW OF NE OF SE
 STATE..... IDAHO MERID: MOISE
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE... 19

COORDINATES

LAT/LONG... 44-25.78 N 115-45.70 W

MAP REFERENCE..... BOILING SPRINGS 1162500
 OTHER LOCALITY INFORMATION: NORTH OF "RULL CREEK" BY TRAILS 1.1 MILES NORTH OF "SILVER CREEK SUMMIT".

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/07/07
 TEMPERATURE (C)..... 53.0
 DISCHARGE..... 1.89 L/MIN

WATER ANALYSIS

pH..... 9.5
 SPECIFIC CONDUCTANCE..... 334
 ALKALINITY..... 86 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 0.240

CHANGE IN BALANCE (K DIFF.)... 14.9
 ANALYSIS IN MU/L

AT...	CO3.....	36	LI...	0.03	SR...
AL...	CA.....		MG...	0.1	SC...
AS... 0.004					
AI...	CI.....		MO...		SI02... 86
HA... 0.05	FE.....	15	VA...	64	
HE...	FE10T1...		VA...		SO4... 31
CA... 1.6	HCO3...	32	VO3... L 0.04		
CA... 0	MG... L 0.00001		PO4... 0 0.03		
CO...	H2S...				
CL... 7.8					
CO... 1.3					

ISOTOPES (0/001)

DEL D OF WATER..... -137
 DEL O(18) OF WATER... -18.2

TRITIUM (T.U.)..... 0.1 ± JR - 0.1

QUALIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS; NO3 WAS REPORTED AS
 TOTAL NO3 WAS REPORTED AS TOTAL P
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LIEB, RANDY J.
 COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980B

RECORD 00878

GEOTHERM FILE 101 0001541

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CAHANTON HOT SPRING

WELL/SPRING NUMBER... 13N-04E-31-CABIS

LOCATION

COUNTRY... UNITED STATES

STATE... IDAHO

COUNTY... VALLEY

GEOLOGIC PROVINCE... 19

MAP REFERENCE... SMITH'S FERRY 1162500

OTHER LOCALITY INFORMATION: BY "NORTH FORK PAYETTE RIVER".

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 1979/06/26

TEMPERATURE (C)... 71.0

DISCHARGE... 0.265 L/MIN

WATER ANALYSIS

P1... 910

SPECIFIC CONDUCTANCE... 314

ALKALINITY... 97

TOTAL DISSOLVED SOLIDS... 0.329

CHARGE BALANCE IS DIFF... 7.4

ANALYSIS IN MG/L

AG... CO3... 25.

AL... C4...

AS... 0.033

AU... C11...

AV... 0.4

BA... F... 11.

CA... FE3... 6A.

CB... MG... L 0.00001

CC... H2S...

CD... PO4... 0.003

CE... 4.0

CF... 2.1

QUANTIFICATION FIELD... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS; NO3 WAS REPORTED AS

TOTAL N. NO3 WAS REPORTED AS TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY... LIEB, RANDY J.

COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY

REFERENCE... LEWIS AND YOUNG, 1980B

RECORD 00879

GEOTHERM FILE 101 0021522

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CAHANTON HOT SPRINGS

WELL/SPRING NUMBER... 13N-04E-31-CAB

LOCATION

COUNTRY... UNITED STATES

STATE... IDAHO

COUNTY... VALLEY

GEOLOGIC PROVINCE... 19

MAP REFERENCE... SMITH'S FERRY 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION... 0.47

DISCHARGE... 0.47 L/MIN

WATER ANALYSIS

P1... 910

SPECIFIC CONDUCTANCE... 314

ALKALINITY... 97

TOTAL DISSOLVED SOLIDS... 0.329

CHARGE BALANCE IS DIFF... 7.4

ANALYSIS IN MG/L

AG... CO3... 25.

AL... C4...

AS... 0.033

AU... C11...

AV... 0.4

BA... F... 11.

CA... FE3... 6A.

CB... MG... L 0.00001

CC... H2S...

CD... PO4... 0.003

CE... 4.0

CF... 2.1

COORDINATES

LAT/LONG... 44-25.05 N 116-01.88 W

ISOTOPE (O/001)

DEL U OF WATER... -138.

DEL O(18) OF WATER... -17.3

72.

43.

SPECIFIC CONDUCTANCE..... 480.
 ANALYSIS IN MG/L
 QUALIFICATION FIELD..... TEMP RANGE 64C TO 70C.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LAWSON, WILLIAM A.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... ROSS, 1971

RECORD 00880

GEOCHEM SAMPLE FILE

GEOCHEM FILE 101 0081285

NAME OF SAMPLE SOURCE... CANTON HOT SPRINGS

WELL/SPRING NUMBER..... 13N-04E-31-CAH 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 13N 04E 31 W OF NE OF SW

LAT/LONG... 44-25.05 N 116-01.88 W

STATE..... IDAHO MERID: BOISE

COUNTY..... VALLEY

MAP REFERENCE..... SMITH'S FERRY 1:62500

OTHER LOCALITY INFORMATION: BY NORTH FORK PAYETTE RIVER.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/03 YOUNG AND MITCHELL

TEMPERATURE (C)..... 70.5

DISCHARGE..... E 227. L/MIN

DEPOSITS OR ALTERATION... CARBONATE DEPOSITS.

PERTINENT LITHOLOGY..... NE TRENDING FAULT IN CRETACEOUS GRANITIC ROCKS.

OTHER SAMPLE INFORMATION.. NUMEROUS SPRING VENTS WITH GAS BUBBLES.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.7

SPECIFIC CONDUCTANCE..... 511.

ALKALINITY..... 101. AS CaCO3

TOTAL DISSOLVED SOLIDS... 348.

CHARGE BALANCE (X DIFF).... 9.7

ANALYSIS IN MG/L

AG.....	CO3.....	26.			
AL.....	CH.....		40....		
AU.....	CL.....		40....	SI02..	78.
H.....	F.....	11.	VA.....	100.	
HA.....	FE03....		VA0R..	504..	40.
CA.....	1.7	70.	VO3....	0.05	
CD.....	H2S.....		P04....		
CI.....	49.				
CO.....	K.....	1.9			

ISOTOPES (O/PML)

OTHER ANALYTICAL DATA... PHOSPHATE = 0.02 MG/L.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00881

GEOCHEM SAMPLE FILE

GEOCHEM FILE 101 0021523

NAME OF SAMPLE SOURCE... CASCADE CITY SPRING

WELL/SPRING NUMBER..... 14N-03E-36-A5

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 14N 03E 36 W OF NE

LAT/LONG... 44-30.49 N 116-02.10 W

STATE..... IDAHO
 COUNTY..... VALLEY
 MAP REFERENCE..... CASCADE 1162500

MERID: BUZE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/11/00

TEMPERATURE (C)..... 14

DISCHARGE..... 14 L/MIN

WATER ANALYSIS

P..... 9.4

SPECIFIC CONDUCTANCE..... 272

TOTAL DISSOLVED SOLIDS..... 243

ANALYSIS IN MG/L

AG..... CO3..... 22

AL..... CA..... 1

AU..... CU..... 3.8

H..... FE..... 63

CA..... 1

CL..... 11

MG... N

MO... 46

NO3... 0.2

ISOLAPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LANSON, WILLIAM A.

COMPILED AFFILIATION..... U.S. GEOLOGICAL SURVEY

REFERENCE..... ROSS, 1971

RECORD 00882

GEOCHEMICAL SAMPLE FILE

NAME OF SAMPLE SOURCE... CASCADE CITY WELL

WELL/SPRING NUMBER... 14N-JSE-3A-ABD 1

WELL ID NUMBER... 14

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... CASCADE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/03 YOUNG AND MITCHELL

TEMPERATURE (C)..... 63

WELL DEPTH (M)..... 14

DISCHARGE..... 2650 L/MIN

PENTAGEN LITHOLOGY..... QUATERNARY ALLUVIUM NEAR METACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 4.2

SPECIFIC CONDUCTANCE..... 275

ALKALINITY..... 81

TOTAL DISSOLVED SOLIDS..... 193

ANALYTICAL BALANCE (A DIFF)..... 4.2

ANALYSIS IN MG/L

AG..... CO3..... 22

AL..... CA..... 1

AU..... CU..... 3.8

H..... FE..... 63

CA..... 1

CL..... 11

AS CAC03

MG... N

MO... 45

NO3... 58

NO3... 17

NO3... 0.09

NO3... 0.04

ISOLAPES (0/001)

GEOCHEM FILE 101 0081287

COORDINATES

LAT/LONG... 44-30.65 N 116- 2.11 W

CI..... 15.
 CO..... R..... 0.4
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00863

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0081297

NAME OF SAMPLE SOURCE... COX HOT SPRINGS
 WELL/SPRING NUMBER..... 17N-13E-27-AAC 15
 WADING NUMBER..... 69

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE.. 19

TOWNSHIP-RANGE

17N 03E 27 SW OF NE OF NE
 MERIDIAN BOISE

COORDINATES

LAT/LONG... 44-47.10 N 114-51.31 W

MSP REFERENCE..... HANEY HILL 1124000

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTION..... CATER
 TEMPERATURE (C)..... 54.4
 VISCOSITY..... 46 L/MIN
 PERCENT LITHOLOGY..... EOCENE GRANITE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... H.M.
 ALKALINITY..... AS
 TOTAL DISSOLVED SOLIDS...
 C-ANION IMBALANCE (+ DIFF.)... 5.1

ANALYSIS IN MG/L

AG.....	CO3.....	20.			
AL.....	CH.....		MG...	N	
AS.....	CS.....		MM...	N	
AU.....	CU.....		MO...		
H.....	F.....	15.	NA...	84.	
HA.....	FE.....		NAK...		
CA.....	HC03.....	83.			
CL.....					
CO.....					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATER AND OTHERS, 1973

RECORD 00884

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0025445

NAME OF SAMPLE SOURCE... DASH CREEK - UNNAMED HOT SPRING
 WELL/SPRING NUMBER..... 12N-05E-10-DOC
 WADING NUMBER..... 37

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE.. 19

TOWNSHIP-RANGE

12N 05E 10 SW OF SE OF SE

COORDINATES

LAT/LONG... 44-22.93 N 115-50.47 W

LOCATION:
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... WARM LAKE 1162500
 LOWSHIP-RANGE
 16N 006E 14 SW OF SW SW
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 20
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... RIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

COORDINATES
 LAT/LONG... 44-43.04 N 115-42.20 W

RECORD 00847

GEOTHERM FILE 101 0001544

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GOAT WARM SPRING
 WELL/SPRING NUMBER..... 12N-05E-02-DACIS
 WELP NUMBER..... 75

LOCATION:
 COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... BOILING SPRINGS 1162500
 LOWSHIP-RANGE
 12N 005E 02 SW OF NE OF SE
 MEMPHIS HOUSE

COORDINATES
 LAT/LONG... 44-24.00 N 115-47.13 W

OTHER LOCALITY INFORMATION: 3.1 MILES NE OF "BOILING SPRINGS GUARD STATION" ALONG "MIDDLE FORK PAYETTE RIVER" 2100
 E. E OF MOUTH OF "LAKE CREEK".

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1974/07/01

TEMPERATURE (C)..... 50.0
 DISCHARGE..... 0.10 L/MIN
 INTERIM ANALYSIS

pH..... 9.3
 SPECIFIC CONDUCTANCE..... 337
 ALKALINITY..... 84 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 0.214
 CATION BALANCE (A DIFF).... 4.0

ANION ANALYSIS IN MG/L		CATIONS		ISOTOPES (0/001)	
AG.....	CO3..... 34	LI.....	0.06	SB.....	
AI.....	CH.....	MG.....	L 0.1	SC.....	
AS..... 0.004					
AT.....	CJ.....	MO.....		SIG2..	73.
A..... 0.06	F..... 16	NA.....	65	SO4...	16.
HA.....	FE+3.....	NO3...	L 0.04		
CA..... 1.3	HC03..... 34	PO4...	L 0.03		
CA+SO.....	MG..... L 0.00001				
CH.....	H2S.....				
CL..... 6.5					
CH.....	K..... 1.1				

ISOTOPES (0/001)
 DEL D OF WATER..... -136
 DEL O (1H) OF WATER... -18.1

QUALIFICATION FIELD... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS NO3 WAS REPORTED AS
 TOTAL NO3-RON WAS REPORTED AS TOTAL P
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... (IEH) WANDY J.
 COMPILER AFFILIATION... U. S. GEOLOGICAL SURVEY
 REFERENCE..... LEWIS AND YOUNG, 1980H

RECORD 00888

GEOTHERM FILE 101 0001537

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GOLD FORK HOT SPRING

WELL/SPRING NUMBER... 16N-04E-35-CC15

LOCATION

COUNTRY... UNITED STATES 16N 04E 35 NM OF SW OF SW

STATE... IDAHO

COUNTY... VALLEY

GEOLOGIC PROVINCE... 19

MAP REFERENCE... GOLD FORK 1362500

SAMPLE DESCRIPTION AND CORRUPTIONS

DATE/COLLECTION... 1979/06/27

TEMPERATURE (C)... 50.0

DISCHARGE... 0.94 L/MIN

WATER ANALYSIS

PH... 9.5

SPECIFIC CONDUCTANCE... 304

ALKALINITY... 100

TOTAL DISSOLVED SOLIDS... 0.215

CHANGE: IMBALANCE (4 DIFF)... 2.8

ANALYSIS IN MG/L

AG... CO3... 36

AL... CR...

AS... 0.011

AU... CU...

BA... 0.05

BR... FE... 9.0

CA... 1.1

CD... 49

CE... MG... 0.00001

CH... H2S...

CI... 11

CO... K... 1.7

CATIONIZATION FIELD... FLOW RATE IS FOR ENTIRE SPRING COMPLEX

TOTAL DISSOLVED SOLIDS WAS REPORTED AS TOTAL P

REFERENCE AND IDENTIFICATION

COMPILED BY... LIEB, RANDY J.

COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY

REFERENCE... LEWIS AND YOUNG, 1968

COORDINATES

LAT/LONG... 44-40.54 N 115-56.55 W

ISOTOPES (0/001)

DEL D OF WATER... -135

DEL D (18) OF WATER... -18

RECORD 00889

GEOTHERM FILE 101 0025114

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GOLD FORK HOT SPRING

WELL/SPRING NUMBER... 16N-04E-35-CC15

WELL NUMBER... 7H

LOCATION

COUNTRY... UNITED STATES 16N 04E 35 NM OF SW OF SW

STATE... IDAHO

COUNTY... VALLEY

SAMPLE DESCRIPTION AND CORRUPTIONS

TEMPERATURE (C)... 49

DISCHARGE... 179

WATER ANALYSIS

SPECIFIC CONDUCTANCE... 330

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... DOSS, 1971

RECORD 00890

GEOTHERM FILE 101 0025448

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GROUND HOG WARM SPRING
 WELL/SPRING NUMBER..... 12N-05E-11-MHD
 WELLS NUMBER..... 16

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 124 00SE 11 SE OF NW 1/4 NW
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... BOILING SPRINGS 1162500

LAT/LONG... 44-23.53 N 115-50.02 W

OTHER LOCALITY INFORMATION: NEAR "MIDDLE FORK PAYETTE RIVER ABOUT 2 MILES NE OF "BOILING SPRINGS GUARD STATION"
 ACROSS RIVER FROM MOUTH OF "GROUND HOG CREEK".

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 74.
 DISCHARGE..... 78.
 PERMITENT LITHOLOGY..... GRANITE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 270.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... DOSS, 1971

RECORD 00891

GEOTHERM FILE 101 0021524

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOLDOVER CREEK - UNNAMED HOT SPRING
 WELL/SPRING NUMBER..... 17N-06E-02-BA
 WELLS NUMBER..... 25

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17N 00SE 02 N 1/2 OF NE OF NW
 STATE..... IDAHO
 COUNTY..... VALLEY
 MAP REFERENCE..... WHITE ROCK PEAK 1162500

LAT/LONG... 44-51.60 N 115-41.79 W

OTHER LOCALITY INFORMATION: 600 FT NORTH OF MOUTH OF "HOLDOVER CREEK" ON EAST BANK OF "SOUTH FORK SALMON RIVER".

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 67.
 DISCHARGE..... 74. L/MIN
 PERMITENT LITHOLOGY..... GRANITE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 260.

ANALYSIS IN MUSE

REFERENCE AND IDENTIFICATION

COMPILED BY..... LARSON, WILLIAM A.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... DOSS, 1971

RECORD 00892

GEOTHERM FILE 101 0081293

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOLLOWER HOT SPRINGS

WELL/SPRING NUMBER... 17N-06E-02-BAA 15

LOCATION

COUNTRY... UNITED STATES LONGSHIP-RANGE

STATE... IDAHO

COUNTY... VALLEY

GEOLOGIC PROVINCE... 19

MAP REFERENCE... WHITE ROCK PEAK 1124000

COORDINATES

LAT/LONG... 44-50.80 N 115-41.77 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1977/10/18 MITCHELL, JOHN

TEMPERATURE (C)... 48

DISCHARGE... 95 L/MIN

PERMITTING LITHOLOGY... CRETACEOUS GRANITIC ROCK

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

P... 9.0

SUFECTIC CONDUCTANCE... 200

ALKALINITY... 107 AS CaCO3

TOTAL DISSOLVED SOLIDS... 222

CHARGE BALANCE (A DIFF)... 13.2

ANALYSIS IN MG/L

ANALYSIS IN MG/L		ISOTOPES (O/ON)	
AG...	CO3... 34	MO...	SIO2... 67
AI...	CI...	NA...	SO4... 9.9
H...	F... 8.9	NA+K...	
HA...	FE+3...	NO3...	0.02
CA... 1.0	MGU3... 52	PO4...	0.01
CO...	H2S...		
CL... 4.5	R... 1.0		

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE... MITCHELL AND OTHERS, 1990

RECORD 00893

GEOTHERM FILE 101 0081298

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOSPITAL HOT SPRING

WELL/SPRING NUMBER... 17N-14E-05-CBC 15

LOCATION

COUNTRY... UNITED STATES LONGSHIP-RANGE

STATE... IDAHO

COUNTY... VALLEY

GEOLOGIC PROVINCE... 19

MAP REFERENCE... HAWLEY HILL 1124000

COORDINATES

LAT/LONG... 44-50.17 N 114-47.42 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... CATCH AND OTHERS

TEMPERATURE (C)... 48

DISCHARGE... 7.6 L/MIN

PERMITTING LITHOLOGY... TERTIARY GRANITIC ROCK

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY

P-..... 8.3 AS
 ALKALINITY.....
 TOTAL DISSOLVED SOLIDS...
 CHANGE IN BALANCE (A DIFF.)... 10.2
 ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CO3.....	N			
AL....	CR.....		40....	N	
AS....	CS.....		40....	N	
AI....	CU.....		40....		
H....	F.....	13.	NA....	87.	5102. 55.
HA....	FE+3....		NA+K.		504.. 43.
CA.... 7.4	HCO3....	149.			
CL.... 1.4					
CO....	K.....	1.3			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENHAM, GEORGE O.
 COMPILED AFFILIATION... IOWA DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATCH AND OTHERS, 1973

RECORD 00894

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0021921

NAME OF SAMPLE SOURCE... HOT CREEK SPRING
 WELL/SPRING NUMBER... 15N-03E-13-MHC
 WELL NUMBER..... 27

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES
 STATE..... IOWA
 COUNTY..... VALLEY
 MAP REFERENCE..... CASCADE 1162500

15N 03E 13 SW OF NW OF NW
 MERIDIAN BASE

LAT/LONG... 44-38.47 N 116-02.68 W

OTHER LOCALITY INFORMATION... NEAR END OF "HOT SP" CREEK

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/11/00

TEMPERATURE (C)..... 74

DISCHARGE..... 95 L/MIN

PERMIT LITHOLOGY..... GUL NEAR GRANITE AND TERTIARY BASALT

WATER ANALYSIS

P-..... 8.3
 SPECIFIC CONDUCTANCE..... 214
 TOTAL DISSOLVED SOLIDS... 214

ANALYSIS IN MG/L

AG....	CO3.....	44.			
AL....	CR.....		40....	N	
AI....	CU.....		40....		
H....	F.....	2.4	NA....	87.	5102. 65.
CA.... 1.	HCO3....	20.	NA+K.		
CL.... 1.4					

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... LANSON, WILLIAM A.
 COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... 1955, 1971

RECORD 00895

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0000469

NAME OF SAMPLE SOURCE... HOT CREEK SPRING

WELL/SPRING NUMBER..... 15N-03E-13-08C15

WELSH NUMBER..... 27

LOCATION

TOWNSHIP-RANGE

SW OF NW OF NW

COORDINATES

LAT/LONG... 44-38.47 N 116-02.68 W

UTM ZONE... 11

NORTHING... 4943317.

EASTING... 575766.

COUNTRY..... UNITED STATES

STATE..... IDAHO

MERIDIAN... MERIDIAN

COUNTY..... VALLEY

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... CASCADE 1162500

OTHER LOCALITY INFORMATION... NEAR END OF "HOT SPRINGS CREEK".

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 74.0

DISCHARGE..... 1175 L/MIN

DEPOSITS OR ALTERATION... CARBONATE DEPOSITS.

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR MIOCENE BASALT AND METACALCAREOUS GRANITIC ROCKS.

OTHER SAMPLE INFORMATION... GAS BUBBLES WITH H2S ODOR.

WATER ANALYSIS

DATE/ANALYST..... 1972/08/00 1972/08/02

PH..... 9.8

SPECIFIC CONDUCTANCE..... 279.

ALKALINITY..... 89. AS CaCO3

TOTAL DISSOLVED SOLIDS... 0.210.

CHARGE BALANCE (A DIFF.)... 0.1

ANIONS IN MG/L

ISOTOPES (0/00)

AG...	CO3...	45.	MG...	0.1	SI02...	60.
AL...	CH...		MU...			
AR...	CL...		NA...	50.	SO4...	16.
BA...	FE...	2.5	NO3...	N		
BR...	FE+3...					
CA...	HC03...	17.				
CL...						
CO...						

OTHER ANALYTICAL DATA... PHOSPHATE = 0.02 MG/L.

QUALITY CONTROL FIELD... DISSOLVED SOLIDS CALCULATED.

REFERENCE AND INVESTIGATION

COMPILED BY..... DE VRIES, J.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00896

GEOCHEMICAL SAMPLE FILE

GEOCHEMICAL FILE 101 0081300

NAME OF SAMPLE SOURCE... HOT CREEK W.S.

WELL/SPRING NUMBER..... 15N-03E-17-08A

WELSH NUMBER..... 26

LOCATION

TOWNSHIP-RANGE

17 NE OF SE OF NW

COORDINATES

LAT/LONG... 44-54.16 N 115-30.25 W

COUNTRY..... UNITED STATES

STATE..... IDAHO

MERIDIAN... MERIDIAN

COUNTY..... VALLEY

GEOLOGIC PROVINCE... 19

MAP REFERENCE..... CANYON LAKE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/ANALYST..... 1954/09/00 MUSS.

TEMPERATURE (C)..... 75.

PERCENT LITHOLOGY..... METACALCAREOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.7
 SPECIFIC CONDUCTANCE..... 343.
 ALKALINITY..... AS
 TOTAL DISSOLVED SOLIDS..... 257.
 CHARGE IMBALANCE (8 DIFF.)... 1.0
 ANALYSIS IN MG/L

ISOLOPES (0/001)

AG.....	CO3.....	12.	MG.....	N		
AL.....	CA.....		MO.....		5102.	60.
AU.....	CU.....		NA.....	63.		
H.....	F.....	6.4	NA+K.....		504.	45.
RA.....	FE+3.....		NO3.....	N		
CA.....	MC03.....	58.				
CL.....						
CO.....						
	K.....	1.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00897

GENTHERM SAMPLE LABEL

GENTHERM FILE #01 0081296

NAME OF SAMPLE SOURCE... KATSKNIS (QUIS-QUIS) HOT SPRING
 WELL/SPRING NUMBER... 17N-10E-11-MDA 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 17N 010E 11 VE OF NW OF NW
 STATE..... IDAHO MERIDIAN BUISE
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE... BIG BALDY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATER AND OTHERS

TEMPERATURE (C)..... 69.4

DISCHARGE..... 57. L/MIN

PERCENT LITHOLOGY..... CHALLIS VOLCANICS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 P..... 8.7
 ALKALINITY..... AS
 TOTAL DISSOLVED SOLIDS.....
 CHARGE IMBALANCE (8 DIFF.)... 3.2
 ANALYSIS IN MG/L

ISOLOPES (0/001)

AG.....	CO3.....	22.	MG.....	N		
AL.....	CA.....		MO.....		5102.	77.
AS.....	CU.....		NA.....	110.		
AU.....	F.....	17.	NA+K.....		504.	73.
H.....	FE+3.....					
CA.....	MC03.....	87.				
CL.....						
CO.....						
	K.....	2.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATER AND OTHERS, 1973

RECORD 00898

GEOTHERM FILE 101 0021529

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LOON CREEK
WELL/SPRING NUMBER... 17N-14E-19

LOCATION

COUNTY... UNITED STATES
STATE... IDAHO
COUNTY... VALLEY

TOWNSHIP-RANGE

17N 014E 19

MERIDIAN HOISE

COORDINATES

MSP REFERENCE... NAMEY HILL 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 49.4

DISCHARGE... 10. L/MIN

WATER ANALYSIS

P... 8.7

ANALYSIS IN MU/L

AG... CO3... 18.

AL... CH... MG... N

AS... CS... MN... N

AI... CU... MO... 5102. 72.

R... F... 12. VA... 93.

HA... FE+3... 504.. 51.

CH... MC03... 114.

CL... 12.

CO... K... 1.3

REFERENCE AND IDENTIFICATION

COMPILED BY... LAYSON, WILLIAM A.

COMPILES AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE... CATEK AND OTHERS, 1973

RECORD 00899

GEOTHERM FILE 101 0081295

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIDDLE FORK INDIAN CREEK - UNNAMED HOT SPRING 1

WELL/SPRING NUMBER... 17N-11E-16-ACH 15

LOCATION

COUNTY... UNITED STATES
STATE... IDAHO
COUNTY... VALLEY

TOWNSHIP-RANGE

17N 011E 16

MERIDIAN HOISE

COORDINATES

LAT/LONG... 44-48.77 N 115-07.57 W

MSP REFERENCE... PUGA MOUNTAIN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... CATEK AND OTHERS

TEMPERATURE (C)... 72.2

DISCHARGE... 5.7 L/MIN

HOST-ENT LITHOLOGY... CHLACEOUS GRANITIC ROCK

WATER ANALYSIS

DATE/ANALYST...

NUSS REPORT

P... 8.7

ANALYSIS IN MU/L

AG... CO3... 25.

AL... CH... MG... N

AS... CS... MN... 10.

ISOTOPES 10/2001

AU....	CU.....	MU....	SI02..	110.
H.....	F..... 17.	VA.... 120.	S04...	64.
HA.....	FE+3....	VA+K..		
CA..... 2.1	MC03.... 116.			
CL..... 14.				
CO.....	K..... 3.7			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATER AND OTHERS, 1973

RECORD 00900

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIDDLE FORK INDIAN CREEK - UNNAMED HOT SPRING 2
 WELL/SPRING NUMBER..... 17N-11E-21-W

GEOTHERM FILE 101 0081286

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 MIP REFERENCE..... BIG HADY 1:24000

COORDINATES

LAT/LONG... 44-47.93 N 115-07.73 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... CATER AND OTHERS

TEMPERATURE (C)..... 44.3

DISCHARGE..... 151 L/MIN

PERTINENT LITHOLOGY..... DIKE IN IDAHO BATHOLITH.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... H2O

ALKALINITY..... AS

TOTAL DISSOLVED SOLIDS...

CHARGE IMBALANCE (A DIFF.)... 5.3

ANALYSIS IN MG/L

AG....	CO3.... 14.	MU....	N	
AL....	CO.....	MO....	N	
AS....	CS.....	SI02..	110.	
AU....	CI.....	S04...	64.	
H.....	F..... 18.			
HA.....	FE+3....			
CA..... 2.0	MC03.... 131.			
CL..... 14.				
CO.....	K..... 3.6			

ISOTOPE (G/G)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATER AND OTHERS, 1973

RECORD 00901

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOLLYS HOT SPRINGS

WELL/SPRING NUMBER..... 15N-06E-14-ACC 15

GEOTHERM FILE 101 0081286

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 MIP REFERENCE..... BIG HADY 1:24000

COORDINATES

LAT/LONG... 44-38.54 N 115-41.56 W

COUNTY..... VALLEY
 GEOLOGIC PROVINCE.. 19
 MAP REFERENCE..... WARM LAKE 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1972/08/02 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 59.
 DISCHARGE..... E 70. L/MIN
 DEPOSITS OR ALTERATION.... CARBONATE DEPOSITS.
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.
 OTHER SAMPLE INFORMATION.. SEVEN SPRING VENTS: TEMP RANGE 58C TO 59C.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 326.
 ALKALINITY..... 49. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 258.
 CHANGE IN BALANCE (4 DIFF.)... 4.1

ANALYSIS IN MG/L

AG....	CO3....	30.			
AL....	CH....		40....	N	
AR....	CU....		40....		5102. 87.
H....	F....	17.	NA....	70.	504.. 17.
HA....	FE+3....		NA+K..		
CA....	HCO3....	48.	NO3...	0.03	
CD....	M2S....		PO4...	0.02	
CL....					
CO....	K....	1.5			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... PHOSPHATE = 0.02 MG/L.

REFERENCE AND IDENTIFICATION

SAMPLED BY..... DENMAN, GEORGE O.
 COLLECTOR AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00902

GEOCHEM FILE 107 0021527

GEOCHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOLLY'S SPRING
 WELL/SPRING NUMBER..... 15N-06E-14-AB
 WELL NUMBER..... 33

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 MAP REFERENCE..... WARM LAKE 1162500

TOWNSHIP-RANGE

15N 06E 14 W OF NE
 MERID: BUTTE

COORDINATES

LAT/LONG... 44-38.54 N 115-41.56 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 51.
 DISCHARGE..... 244. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 300.
 ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

SAMPLED BY..... LAWSON, WILLIAM A.
 COLLECTOR AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... ROSS, 1971

RECORD 00903

GEOTHERM FILE 101 0081290

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PISTOL CREEK HOT SPRINGS

WELL/SPRING NUMBER..... 16N-10E-14-08C15

WELL NUMBER.....

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

GEOLOGIC PROVINCE.. 19

MAP REFERENCE..... GREY MOUNT RIDGE 1162500

OTHER LOCALITY INFORMATION: NORTH BANK OF "PISTOL CREEK"

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATER AND OTHERS

TEMPERATURE (C)..... 45.7

VISCOSITY..... 14. L/MIN

PERCENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK WITH TERTIARY DIKES.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 6.3

ALKALINITY..... AS

TOTAL DISSOLVED SOLIDS...

CHARGE IMBALANCE (A DIFF.)... 1.2

ANALYSIS IN MG/L

AG.....	CO3.....	4			
AL.....	CH.....		40.....	0.2	
AS.....	C5.....		4N.....	3.	
SI.....	CU.....		4J.....		512. 67.
HA.....	F.....	10.	4A.....	63.	
CA.....	FE3.....		4AK.....		504. 67.
CL.....	HCO3.....	98.			
CO.....	K.....	1.4			

ISOTOPES (0/00)

421

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.

CHARTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... CATER AND OTHERS, 1973

RECORD 00904

GEOTHERM FILE 101 0081292

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WIVERSIDE HOT SPRINGS

WELL/SPRING NUMBER..... 16N-12E-16-CH4 15

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

GEOLOGIC PROVINCE.. 19

MAP REFERENCE..... GREY MOUNT RIDGE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/07/04 YOUNG AND MITCHELL

TEMPERATURE (C)..... 43.3

VISCOSITY..... 14. L/MIN

PERCENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR CRETACEOUS GRANITIC ROCK.

COORDINATES

LAT/LONG... 44-43.28 N 115-00.79 W

QUADRANGLE-RANGE

16N 12E 16 W OF W OF SW

MENUS HOUSE

ANALYSIS

DATE/ANALYST.....

P.....

SPECIFIC CONDUCTANCE.....

ALKALINITY.....

TOTAL DISSOLVED SOLIDS.....

CHANGE IN BALANCE (A DIFF.).....

ANALYSIS IN MG/L

AG..... CO3..... 19.

AL..... CH.....

AS..... CS.....

AU..... CU.....

H..... F..... 9.9

HA..... FE+3.....

CA..... 3.2 HCO3..... 62.

CD..... H2S.....

CL..... H.....

CO..... K..... 1.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.

COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... WATER AND OTHERS, 1973

U.S. GEOLOGICAL SURVEY

AS

ISOTOPES (OZ/00)

MG... N

MN... 10.

MO... 19.

NA... 75.

NAR... 56.

PO4... 4

RECORD 00905

NEAREST SAMPLE SITE

NAME OF SAMPLE SOURCE... ROCKY CANYON HOT SPRING

WELL/SPRING NUMBER..... 114-JSE-29-C03

LOCATION

COUNTY..... UNITED STATES 114 00SE 29 NW OF SE OF SW

STATE..... IDAHO MERIDIAN HOUSE

COUNTY..... VALLEY

MAP REFERENCE..... HOTSPRING SPRINGS 1162500

OTHER LOCALITY INFORMATION: ABOUT 13 MILES N-W OF MCROUCH

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 69

TEMPERATURE..... 184. LAMIN

ANALYSIS

SPECIFIC CONDUCTANCE..... 285

QUALIFICATION FIELD..... TEMP RANGE FROM 43C TO 49C

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDGWAY, KIM M.

COMPILED AFFILIATION..... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... JUNE, 1971

GEOTHERM FILE 101 0025449

COORDINATES

LAT/LONG... 44-15.38 N 115-53.05 W

RECORD 00906

NEAREST SAMPLE SITE

NAME OF SAMPLE SOURCE... ROCKY CANYON HOT SPRING

WELL/SPRING NUMBER..... 114-JSE-29-C03

LOCATION

COUNTY..... UNITED STATES 114 00SE 29 NW OF SE OF SW

STATE..... IDAHO MERIDIAN HOUSE

COUNTY..... VALLEY

MAP REFERENCE..... 14

MAP REFERENCE..... HOTSPRING SPRINGS 1162500

COORDINATES

LAT/LONG... 44-15.38 N 115-53.05 W

GEOTHERM FILE 101 0001548

MARKING NUMBER..... 40
 LOCATION.....
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 MAP REFERENCE..... BOILING SPRINGS 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1955/10/00 RUSS
 TEMPERATURE (C)..... 79
 DISCHARGE..... 1700 L/MIN
 PERCENT LITHOLOGY..... CHETACEOUS GRANITIC ROCK
 WATER ANALYSIS
 DATE/ANALYST.....
 pH..... 9.0
 SPECIFIC CONDUCTANCE..... 254
 ALKALINITY..... 77 AS
 TOTAL DISSOLVED SOLIDS.....
 CHANGE IN BALANCE (A DIFF.)..... 0.1
 ANALYSIS IN MG/L
 AG.....
 AL.....
 AU.....
 BA.....
 BR.....
 CA..... 2.0
 CL..... 8.0
 CO.....
 CR.....
 CU.....
 FE.....
 K.....
 LI.....
 MG.....
 MN.....
 NA.....
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 ZN.....
 OTHER.....
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION..... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... 0055, 1971

ISOTOPES (0/001)

RECORD 00909

GEOTHERMAL FILE 101 0001547

GEOTHERMAL SAMPLE SET

NAME OF SAMPLE SOURCE..... SILVER CREEK PLUNGE
 WELL/SPRING NUMBER..... 12N-05E-36-DHAIS
 MARKING NUMBER..... 40
 LOCATION.....
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE..... IV
 MAP REFERENCE..... BOILING SPRINGS 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/08/08 MARINEN, M. & EVANS, W.
 TEMPERATURE (C)..... 74.5
 DISCHARGE..... 1774 L/MIN
 PERCENT LITHOLOGY..... CHETACEOUS GRANITIC ROCK
 WATER ANALYSIS
 pH..... 9.22
 SPECIFIC CONDUCTANCE..... 256
 ALKALINITY..... 89 AS HCO3
 TOTAL DISSOLVED SOLIDS..... 176
 CHANGE IN BALANCE (A DIFF.)..... 0.3
 ANALYSIS IN MG/L
 AG.....
 AL.....
 AU.....
 BA.....
 BR.....
 CA.....
 CL.....
 CO.....
 CR.....
 CU.....
 FE.....
 K.....
 LI.....
 MG.....
 MN.....
 NA.....
 NI.....
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 P.....
 S.....
 SI.....
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 V.....
 ZN.....
 OTHER.....
 REFERENCE AND IDENTIFICATION
 COMPILED BY.....
 COMPILED AFFILIATION.....
 REFERENCE.....

ISOTOPES (0/001)

AG....		CO3....	5.	LI....	0.04		
AL....		CL....		MG....	0.02		
AS....	0.005	CS....	L 0.1	MN....	L 0.01		
AU....		CU....	L 0.010	MO....		SiO2..	54.
BA....	0.03	F....	11.	NA....	65.	SO4..	22.
BR....		FE3....		KA....			
BF....		FE(TOT)..	L 0.020	VI....	L 0.02		
BO....		GE....		PH....	L 0.1		
CA....	2.0	HCO3....	85.	HB....	L 0.02	ZN....	L 0.01
CA+G.		HS....					
CO....	L 0.005						
CL....	4.3	I....					
CO....	L 0.020	K....	0.76				

OTHER ANALYTICAL DATA... CARBONATE ALKALINITY AT TITRATION TEMPERATURE CALCULATED BY SOLMNEQ. HCO3 48. MG/L; CO3 6.2 MG/L.

QUALIFICATION FIELD... FLOW RATE IS FOR ENTIRE SPRING COMPLEX; CALCULATED TOTAL DISSOLVED SOLIDS; HCO3 WAS REPORTED AS

TOTAL DISSOLVED SOLIDS WAS REPORTED AS TOTAL DISSOLVED SOLIDS

PREPARED AND IDENTIFICATION

COMPILED BY... HIEB. HANDE J.

COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY

REFERENCE... MARINER, 4.0 USGS. MENLO PARK

RECORD 00910

GEOCHEMICAL SAMPLE FILE

GEOCHEM FILE 101 JOM1289

NAME OF SAMPLE SOURCE... SOUTH FORK PLUNGE

WELL/SPRING NUMBER... 154-002-14-COH 15

WELL NUMBER... 31

LOCATION

COUNTRY... UNITED STATES

LOCALITY-RANGE

154 006E 10 44 OF SE OF SW

COORDINATES

LAT/LONG... 44-37.89 N 115-41.80 W

STATE... IDAHO

MENLO: HOISE

COUNTY... VALLEY

GEOLOGIC PROVINCE... 19

WELL REFERENCE... 4444 LAKE 1142500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1955/08/00

TEMPERATURE (C)... 54.

PERCENT LITHOLOGY... CHLORACEDOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST...

PH... 9.3

SPECIFIC CONDUCTANCE... 204.

ALKALINITY... 85.

AS-CACO3

TOTAL DISSOLVED SOLIDS... 224.

CHARGE IMBALANCE (A DIFF)... 0.3

ANALYSIS IN MG/L

AG.... CO3.... 22.

AL.... CL....

AS.... CS....

BA.... F....

BR.... FE3.... 12.

BF.... HCO3.... 59.

BO....

CA.... 4.0

CL.... 9.0

CO....

CA+G... K.... 1.3

CO....

CL....

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REFERENCE..... RUSS, 1971

RECORD 00913

GEOTHERM FILE 101 0021530

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SUNFLOWER FLAT

WELL/SPRING NUMBER..... 16N-12E-03-

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

MAP REFERENCE..... GRAYMOUND RIDGE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 46.7

TEMPERATURE..... 13. L/MIN

PERCENT LITHOLOGY..... EOCENE GRANITE.

ANALYSIS

PH..... 7.4

CHANGE IN BALANCE (A DIFF.)... 3.5

ANALYSIS IN MG/L

AG....	CO3....	CH....	MG....	MIN....	100	5102.	59.
AL....	CS....	CI....	NA....	91.	504..	100.	
AS....	F....	FE....	NAOH.				
AV....	HC03....						
BA....							
CA....							
CL....							

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LAWSON, WILLIAM A.

COUNTRY AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... CATEN AND OTHERS, 1973

RECORD 00914

GEOTHERM FILE 101 0081291

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SUNFLOWER HOT SPRINGS

WELL/SPRING NUMBER..... 16N-12E-15-HBH 15

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

GEOLOGIC PROVINCE... 14

MAP REFERENCE..... SLIPNOCK RIDGE 1124000

OTHER LOCALITY INFORMATION: BY RM 4353 NE OF "LITTLE CREEK GRADE STATION" NORTH SIDE OF "MIDDLE FORK SALMON RIVER".

SAMPLE DESCRIPTION AND CONDITIONS

DATE COLLECTION..... 1/71/07/03 CATEN AND OTHERS

TEMPERATURE (C)..... 45.

TEMPERATURE..... 136. L/MIN

PERCENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

ANALYSIS

COMPILED BY..... U.S. GEOLOGICAL SURVEY

COUNTRY AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... CATEN AND OTHERS, 1973

COMPILED BY..... U.S. GEOLOGICAL SURVEY

COUNTRY AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... CATEN AND OTHERS, 1973

TOTAL DISSOLVED SOLIDS...
CHARGE IMBALANCE (% DIFF.)... 2.2
ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CU3....	30.	MG....	0.1		
AL....	CH....		MN....	N		
AS....	CS....		MU....		5102.	62.
AU....	CU....		NA....	77.	504..	41.
H....	F....	10.	NA+K.			
HA....	FE+3....		PO4..	N		
CA....	HC03....	51.				
CO....	H2S....					
CL....						
CO....	K....	1.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... CATER AND OTHERS, 1973

RECORD 00415

GEOTHERM FILE 101 0081249

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TEAPOT HOT SPRINGS
WELL/DRILL NUMBER... 184-06E-09-AUC 15

LOCATION

IDWMSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... VALLEY
GEOLOGIC PROVINCE... 19

184 006E 09 S OF SE VE
MEXIUS BUISE

LAT/LONG... 44-54.82 N 115-43.24 W

MAP REFERENCE..... TEAPOT MTN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1/77/10/08 MITCHELL, JOHN

TEMPERATURE (C)..... 43

DISCHARGE..... 57 L/MIN

PERFECT LITHOLOGY..... CRETACEOUS GRANITIC MUCK.

ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 8.9

SPECIFIC CONDUCTANCE..... 104

ALKALINITY..... 105

TOTAL DISSOLVED SOLIDS... 227

CHARGE IMBALANCE (% DIFF.)... 6.0

ANALYSIS IN MG/L

ISOTOPES 10/001

AG....	CU3....	31.	MO....	5102.	64.
AL....	CH....		NA....	63.	
AS....	F....	9.9	NA+K.	504..	12.
HA....	FE+3....		NU3..		
CA....	HC03....	46.	PO4..	0.01	
CO....	H2S....				
CL....					
CO....	K....	1.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL AND OTHERS, 1983

RECORD 00916

GEOTHERM FILE 101 0025452

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TRAIL CREEK HOT SPRING

WELL/SPRING NUMBER... 15N-00E-20-AAC

WATER NUMBER... 70

LOCATION:

IDWYSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 15N 00E 20 54 OF NE OF NE

STATE... IDAHO

COUNTY... VALLEY

GEOLOGIC PROVINCE... 19

MAP REFERENCE... HAWK LAKE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 50

DISCHARGE... 284 L/MIN

PERMIT LITHOLOGY... CRETACEOUS GRANITIC ROCKS.

WATER ANALYSIS

SPECIFIC CONDUCTANCE... 240

REFERENCE AND IDENTIFICATION

SAMPLED BY... RIEGANEY, KIM M.

COLLECTOR AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE... DOSS, 1971

RECORD 00917

GEOTHERM FILE 101 0015275

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SITE

WELL/SPRING NUMBER... 15N-00E-35-CIS

LOCATION:

IDWYSHIP-RANGE

COORDINATES

COUNTRY... UNITED STATES 15N 00E 35 54

STATE... IDAHO

COUNTY... VALLEY

GEOLOGIC PROVINCE... 19

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1977/10/18 MITCHELL, JIM M.

TEMPERATURE (C)... 45.0

DISCHARGE... 95 L/MIN

WATER ANALYSIS

WATER TREATMENT... 7 BOTTLE SAMPLE 3FA FU FU RU MC.

SPECIFIC CONDUCTANCE... 9.0 AT (C) 25.

ALKALINITY... 92 AS CaCO3

TOTAL DISSOLVED SOLIDS... 220

CATION BALANCE (A DIFF.)... 13.1

ANALYSIS IN MG/L

ANALYSIS IN MG/L

ANALYSIS IN MG/L

ANALYSIS IN MG/L

ANALYSIS IN MG/L

ANALYSIS IN MG/L

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ANALYSIS IN MG/L

ISOTOPES IN/1001

ANALYSIS IN MG/L

ANALYSIS IN MG/L

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ANALYSIS IN MG/L

ANALYSIS IN MG/L

ANALYSIS IN MG/L

ANALYSIS IN MG/L

ANALYSIS IN MG/L

CO..... K..... 1.0
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... LEE, LINDA
 COMPILED AFFILIATION... IDAHU DEPT. WATER RESOURCES
 REFERENCE..... IDAHU DEPARTMENT OF WATER RESOURCES

RECORD 00918

GEOTHERM FILE 101 0015274

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... UNNAMED SITE
 WELL/SPRING NUMBER..... 12N-005E-22-BHC15
 LOCATION.....
 COUNTY..... UNITED STATES 12N 005E 22 W OF NW
 STATE..... IDAHU
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE... 19
 MAP REFERENCE..... HOTLUG SPRINGS 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/10/19 MITCHELL, JOHN
 TEMPERATURE (C)..... 85.0
 DISCHARGE..... 2271. L/MIN
 TESTED TREATMENT..... 7 BOTTLE SAMPLE JFA FU FU MU NC
 WATER ANALYSIS

COORDINATES

LAT/LONG... 44-21.50 N 115-51.22 W
 UTM ZONE... 11
 NORTHING... 4912096
 EASTING... 591354

P..... 1.8 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 360.
 ALKALINITY..... 117. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 274.
 CHARGE IMBALANCE (A DIFF.)... 2.5

ISOTOPES (02/001)

ANALYSIS IN MU/L
 AG..... CO3..... 26. LI... 0.08
 AL..... CH..... MU... N
 AS..... 0.01 CU..... MU... 5132. 92.
 BA..... 0.04 F..... 17. NA... 73.
 HA..... FF+3... 504... 9.7
 CA..... 3.97 HCO3... 100.
 CL..... 4.2 H2S..... PU4... 0.01
 CO..... K..... 1.8

REFERENCE AND IDENTIFICATION
 COMPILED BY..... LEE, LINDA
 COMPILED AFFILIATION... IDAHU DEPT. WATER RESOURCES
 REFERENCE..... IDAHU DEPARTMENT OF WATER RESOURCES

RECORD 00919

GEOTHERM FILE 101 0001543

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... UNNAMED SPRING NEAR GROUND MUG CREEK
 WELL/SPRING NUMBER..... 12N-005E-02-CCC15
 LOCATION.....
 COUNTY..... UNITED STATES 12N 005E 02 SW OF SW OF SW
 STATE..... IDAHU
 COUNTY..... VALLEY
 MAP REFERENCE..... HOTLUG SPRINGS 1162500
 TESTED LOCALITY INFORMATION 1250 FT N-VE OF "GROUND MUG WARM SPRING" (FILE NO. 0025448) ALONG "MIDDLE FORK PAYETTE"

COORDINATES

LAT/LONG... 44-23.75 N 115-50.06 W

GIVERN SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1979/07/08
TEMPERATURE (C)..... 46.5
DISCHARGE..... 0.12 L/MIN
QUALIFICATION FIELD..... FLOW RATE IS FOR ENTIRE SPRING COMPLEX
REFERENCE AND IDENTIFICATION
COMPILED BY..... LIEB, RANDY J.
COMPILED AFFILIATION... U. S. GEOLOGICAL SURVEY
REFERENCE..... LEWIS AND YOUNG, 1980

RECORD 00920

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... INNAMED SPRING NEAR TEAPOT HOT SPRINGS
WELL/SPRING NUMBER..... 14N-006E-09-ABIS
LOCATION.....

COUNTRY..... UNITED STATES 18N 006E 09 W OF NE
STATE..... IDAHO
COUNTY..... VALLEY
GEOLOGIC PROVINCE... 19

COORDINATES

LAT/LONG... 44-45.00 N 115-45.00 W
UTM ZONE... 11
NORTHING... 4955722
EASTING... 598950

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/18 MITCHELL, JOHN
TEMPERATURE (C)..... 40.0
DISCHARGE..... 0.0 L/MIN
WATER TREATMENT..... 7 BOTTLE SAMPLE JFA FU FO NO MC
WATER ANALYSIS

pH..... 8.9 ATIC) 25.
SPECIFIC CONDUCTANCE... 300
ALKALINITY..... 91 AS CAC03
TOTAL DISSOLVED SOLIDS... 230
CATIONS IMBALANCE (A DIFF)... 3.7
ANALYSIS IN MG/L

ISOTOPES (02001)

AG...	CO3.....	31.	LI...	0.03		
AL.....	CR.....		MU...	N		
AS.....	0.03					
AT.....	CU.....		MO...		5102.	72.
B.....	0.07		NA...	03.	504..	12.
BA.....	FE+3.....	9.9	NAK...			
CA.....	2.1					
CA+MG...	MC03.....	66.				
CI.....	MG.....	N				
CL.....	6.2		PO4...	0.01		
CO.....	1.2					

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
COMPILED AFFILIATION... IDAHO DEPT. WATER RESOURCES
REFERENCE..... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00921

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... VULCAN HOT SPRINGS
WELL/SPRING NUMBER..... 14N-006E-11-HDA IS
LOCATION.....

COUNTRY..... UNITED STATES 18N 006E 11 W OF NE
STATE..... IDAHO
COUNTY..... VALLEY
GEOLOGIC PROVINCE... 19

COORDINATES

LAT/LONG... 44-45.00 N 115-45.00 W
UTM ZONE... 11
NORTHING... 4955722
EASTING... 598950

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/18 MITCHELL, JOHN
TEMPERATURE (C)..... 40.0
DISCHARGE..... 0.0 L/MIN
WATER TREATMENT..... 7 BOTTLE SAMPLE JFA FU FO NO MC
WATER ANALYSIS

pH..... 8.9 ATIC) 25.
SPECIFIC CONDUCTANCE... 300
ALKALINITY..... 91 AS CAC03
TOTAL DISSOLVED SOLIDS... 230
CATIONS IMBALANCE (A DIFF)... 3.7
ANALYSIS IN MG/L

ISOTOPES (02001)

AG...	CO3.....	31.	LI...	0.03		
AL.....	CR.....		MU...	N		
AS.....	0.03					
AT.....	CU.....		MO...		5102.	72.
B.....	0.07		NA...	03.	504..	12.
BA.....	FE+3.....	9.9	NAK...			
CA.....	2.1					
CA+MG...	MC03.....	66.				
CI.....	MG.....	N				
CL.....	6.2		PO4...	0.01		
CO.....	1.2					

COUNTRY..... UNITED STATES 14N 006E 11 VE OF SE OF NW LAT/LONG... 44-34.05 N 115-41.71 W
 STATE..... IDAHO MERID: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... WARM LAKE 11A2500
 OTHER LOCALITY INFORMATION: 1.55 MILES SW OF "STOLLE MEADOWS GUARD STATION" AT ABOUT ELEVATION 5600.
 SAMPLE DESCRIPTION AND ACQUISITION
 DATE/COLLECTOR..... 1972/08/02 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 87.
 DISCHARGE..... E 2271. L/MIN
 DEPOSITS OR ALTERATION.... DEBRIS AROUND VENTS APPEARS TO BE SILICIFIED.
 PERMIT/LITMOLGY..... CRETACEOUS GRANITIC ROCK.
 OTHER SAMPLE INFORMATION.. THIRTEEN SPRING VENTS GAS PRESENT WITH H2S ODOR.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P4..... 8.5

SPECIFIC CONDUCTANCE..... 451.

ALKALINITY..... 98.

TOTAL DISSOLVED SOLIDS... 362.

CHARGE IMBALANCE (A DIFF.)... 7.7

ANALYSIS IN MU/L

AG..... CO3..... M

AL..... CA.....

AU..... CU.....

F..... 24.

HA..... FE.....

CA..... 1.8 HCO3..... 120.

CL..... 17. H2S.....

CO..... K..... 3.0

AS CaCO3

ISOTOPES (0/00)

40...	0.1		
42...		SIJ2.	120.
44...	94.		
46...		504..	43.
48...	0.05		
50...	0.05		

OTHER ANALYTICAL DATA... PHOSPHATE = 0.02 MU/L.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00422

GEOTHERM FILE 101 0021526

BOTHBY SAMPLE FILE

NAME OF SAMPLE SOURCE... VULCAN HOT SPRINGS

WELL/SPRING NUMBER..... 14N-006-11-BA

WELL NUMBER..... 12

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... VALLEY

MAP REFERENCE..... WARM LAKE 11A2500

OTHER LOCALITY INFORMATION: 1.55 MILES SW OF "STOLLE MEADOWS GUARD STATION" AT ELEV 5600.

SAMPLE DESCRIPTION AND ACQUISITION

TEMPERATURE (C)..... 87.

DISCHARGE..... 1756. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 340.

ANALYSIS IN MU/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... LAWSON, WILLIAM A.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

IDENTIFICATION

14N 006E 11 VE OF SE OF NW

MERID: BOISE

COORDINATES

LAT/LONG... 44-34.05 N 115-41.71 W

HYDROGEOLOGY..... RUSS, 1971

RECORD 00923

GEOTHERM FILE 101 0021517

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... VOLCAN HOT SPRINGS

WELL/SPRING NUMBER... 14N-006-11-BJAIS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14N 006E 11 NE OF SE OF NW

LAT/LONG... 44-34.05 N 115-41.71 W

STATE..... IDAHO

MERIDIAN HOISE

COUNTY..... VALLEY

MAP REFERENCE... WARM LAKE 1162500

OTHER LOCALITY INFORMATION: 1.55 MILES SW OF "STOLLE MEADOWS GUARD STATION" AT ELEV 5600.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1974/05/07

TEMPERATURE (C)..... 87.

WATER ANALYSIS

ANALYSIS IN MG/L

ISOTOPIES (0/001)

DEL 0(18) OF WATER... -18.02

DEL 0(18) OF SO4... -1.12

AL..... CA..... MG..... SC.....

AS..... CS..... MN..... SE.....

HA..... FE+3..... NA+K..... SO4.....

CO..... H2S..... 1.2

CL..... 150

OTHER ANALYTICAL DATA... SAMPLE TREATED IN FIELD WITH FORMALDEHYDE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... LAWSON, WILLIAM A.

COMPILED AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... NEHRING AND OTHERS, 1979

RECORD 00924

GEOTHERM FILE 101 0001409

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... A. FAIRCHILD LUMBER CO.

WELL/SPRING NUMBER... 13N-04W-13-HAC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13N 04W 13 SW OF NE NW

LAT/LONG... 44-27.96 N 116-45.93 W

STATE..... IDAHO

MERIDIAN HOISE

COUNTY..... WASHINGTON

MAP REFERENCE... MARY CREEK 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1962/11/01

TEMPERATURE (C)..... 25.9

WELL DEPTH (M)..... 411.

WATER ANALYSIS

PH..... 8.7

SPECIFIC CONDUCTANCE..... 364

ALKALITY..... 187

TOTAL DISSOLVED SOLIDS... 285

CHARGE IMBALANCE (A DIFF)..... 0.1

ANALYSIS IN MG/L

ISOTOPIES (0/001)

AL..... CO3..... 12

AS..... CR.....

HA..... CS.....

CO..... CU.....

H..... F..... 0.7

M..... NA.....

P.....

HA.....	FE+3.....	NA+K.....	S04.....	14.
HF.....	FE(TOT).....	NO3.....	0.4	
CA..... 3.5	HCO3..... 187.	PO4.....	0.14	
CO.....	H2S.....			
CL..... 3.8				
CO.....	K..... 9.1			

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIED, HANU
 COMPILED AFFILIATION... U.S.G.S.
 REFERENCE..... NEWCOMB 1972

RECORD 00925

GEOTHERM FILE 101 0081313

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... A. FAIRCHILD LUMBER CO.
 WELL/SPRING NUMBER..... 17N-04W-13-HAC

LOCATION

COUNTY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... WASHINGTON
 MAP REFERENCE..... MARY CREEK 1162500

COORDINATES

LAT/LONG... 44-27.96 N 116-45.93 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND COMPOSITIONS

DATE/COLLECTOR..... 1972/06/04

TEMPERATURE (C)..... 24.

WELL DEPTH (M)..... 411.

PERMEANT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

PH..... 6.3

SPECIFIC CONDUCTANCE..... 375.

ALKALINITY..... 188.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 0.294.

CHARGE BALANCE (A DIFF.)... 5.6

A ANALYSIS IN MG/L

SLOPES (0/00)

AN..... CO3..... 20.

AL..... CR.....

AIJ..... CU.....

H..... F..... 0.7

HA..... FE+3.....

CA..... 3.5 HCO3..... 187.

CO..... H2S.....

CL..... 3.2

CO..... K..... 0.7

MG.....	0.2		
NO.....	5102.	73.	
NA.....	85.		
VA+K.....	504.	14.	
NO3.....	0.04		
PO4.....	0.03		

QUANTIFICATION FIELD..... AMOUNT TOTAL DISSOLVED SOLIDS IS A CALCULATED VALUE

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL 1973

RECORD 00925

GEOTHERM FILE 101 0081301

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COVE CREEK HOT SPRINGS

WELL/SPRING NUMBER..... 17N-03W-04-CCC 15

LOCATION.....

IDYNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 10N 003W 09 SW OF SW SW
 STATE..... IDAHO MERID: BOISE
 COUNTY..... WASHINGTON
 MAP REFERENCE..... HOLLAND GULCH 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/08/09 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 17.
 DISCHARGE..... 1493. L/MIN
 PERCENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 1940.
 ALKALINITY..... 88. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 0 1140.
 CHARGE IMBALANCE (A DIFF.)... 141.8

ANALYSIS IN MG/L

AG....	CO3....	LI....	560.	SB....	
AL....	CH....	MG....	0.2	SC....	
AS.... 510.	CU....	MO....		SIO2.	130.
AI....	F....	NA....	320.	SO4....	270.
H.... 7800.	FE+3....	NO3... N			
HA....	HC03....	PO4... U	0.37		
CA.... 200.	MG....				
CA+MG.	M2S....				
CO....					
CL.... 310.					
CO....					

ISOTOPES (O/OM)

DEL U OF WATER..... -138.
 DEL O(18) OF WATER... -12.3

QUALIFICATION FIELD..... NITRATE IS REPORTED AS NO3 PLUS NO2; AMOUNT PHOSPHATE IS DERIVED FROM REPORTED PHOSPHOROUS
 VALUE: AMOUNT TOTAL SOLIDS IS A CALCULATED VALUE
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975; HIGHTMIRE AND OTHERS, 1976 (ISOTOPE DATA)

RECORD 00927

GEOTHERM FILE 101 0001451

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHANE CREEK HOT SPRING
 WELL/SPRING NUMBER..... 11N-03W-07-H0B1S

LOCATION: IDAHO-SHAP-BAYNE
 COUNTY..... UNITED STATES 11N 003W 07 W OF SE W
 STATE..... IDAHO MERID: BOISE
 COUNTY..... WASHINGTON
 MAP REFERENCE..... CHANE CREEK 1142500

COORDINATES

LAT/LONG... 44-18.40 N 116-44.68 W

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1472/06/30

TEMPERATURE (C)..... 17.

DISCHARGE..... 78. L/MIN

WATER ANALYSIS

PH..... 6.8
 SPECIFIC CONDUCTANCE..... 1480.
 ALKALINITY..... 102. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1080.

CHARGE IMBALANCE (X DIFF.)... 3.8
ANALYSIS IN MG/L

AG.... CO3..... N
AL.... CR.....
AU.... CU.....
H.... F..... 2.9
HA.... FE+3.....
CA.... 27. HCO3..... 198.
CD.... H2S.....
CL.... 190. R..... 19.

MG... 0.7
MU...
NA... 300.
NA+K...
NO3... 0.06
PO4... 0.31
SI02... 170.
SO4... 270.

ISOTOPIES (U/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEH. HANDY
COMPILED AFFILIATION... U.S.G.S.
REFERENCE..... YOUNG AND MITCHELL, 1973

RECNO 00928

GEOTHERM FILE 101 0081303

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRANE CREEK HOT SPRINGS NO. 1
WELL/SPRING NUMBER... 11N-UJN-07-HDB 1S

LOCATION

COUNTY..... UNITED STATES 11N 003W 07 W OF SE W
STATE..... IDAHO MERID: BOISE

COORDINATES

LAT/LONG... 44-18.40 N 116-44.08 W

COUNTY..... WASHINGTON

MAP REFERENCE... CRANE CREEK RESERVOIR 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1973/08/02 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 92.

DISCHARGE..... 17. L/MIN

PERMEANT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.8

SPECIFIC CONDUCTANCE..... 1629.

ALKALINITY..... 165.

TOTAL DISSOLVED SOLIDS... 1070.

CHARGE IMBALANCE (X DIFF.)... 151.4

ANALYSIS IN MG/L

AG.... CO3..... N

AL.... CH.....

AS.... 41.

AU.... CU.....

H.... F..... 3.2

HA.... FE+3.....

CA.... 74. HCO3..... 201.

CD.... H2S..... 0.3

CL.... 244. R..... 19.

LI... 620.

MG... 0.5

MU... 280.

NA... 0 0.1

NA+K... 0 0.58

NO3... 0 0.1

PO4... 0 0.58

S8...

SC...

SI02...

SO4...

SI02... 180.

SO4... 250.

ISOTOPIES (U/001)

DEL D OF WATER..... -150.
DEL D(1H) OF WATER... -14.4

QUALIFICATION FIELD... NITRATE IS REPORTED AS NO3 PLUS NO2+ AMOUNT PHOSPHATE IS DERIVED FROM REPORTED PHOSPHOROUS
VALUE AMOUNT TOTAL SOLIDS IS A CALCULATED VALUE

REFERENCE AND IDENTIFICATION

COMPILED BY..... HENMAN, GEORGE O.
COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975; NIGHTMIRE AND OTHERS, 1976 (ISOTOPE DATA)

RECORD 00929

GEOTHERM FILE 101 0081304

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHANE CREEK HOT SPRINGS NO. 2

WELL/SPRING NUMBER..... 11N-03W-07-HDB

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... WASHINGTON

MAP REFERENCE..... CHANE CREEK RESERVOIR 1162500

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/02 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 56.

DISCHARGE..... 17. L/MIN

PERMEANT LITHOLOGY..... QUATERNARY ALLUVIUM OVERLYING MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

pH..... 8.0

SPECIFIC CONDUCTANCE..... 1570.

ALKALINITY..... 166.

AS CaCO3

TOTAL DISSOLVED SOLIDS..... 1080.

CHARGE IMBALANCE (A DIFF.)... 151.9

ANALYSIS IN MG/L

AG.... CO3.... N LI.... 630.

AL.... CH.... MU.... 0.0

AS.... 64. CU.... MO.... SI02. 190.

AR.... 10000. F.... 3.2 NA.... 200.

KA.... FE+3.... NA+K. 504.. 250.

CA.... 24. HCO3.... 202. NO3.. 0 0.4

CA+Mg. Mg.... 0.1 PU4.. 0 0.09

CD.... H2S....

CL.... 200. K.... 19.

CO.... R....

QUALIFICATION FIELD..... NITRATE IS REPORTED AS NO3 PLUS NO2; AMOUNT PHOSPHATE IS DERIVED FROM REPORTED PHOSPHOROUS

VOLUME AMOUNT TOTAL SOLIDS IS A CALCULATED VALUE

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00930

GEOTHERM FILE 101 0081305

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DOUGLAS MCGINNIS WELL

WELL/SPRING NUMBER..... 11N-03W-20-HDB

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... WASHINGTON

MAP REFERENCE..... MARY CREEK 1162500

OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES

LAT/LONG... 44-16.55 N 116-57.74 W

DATE/COLLECTOR..... 1973/08/09 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 54.
 PERTINENT LITHOLOGY..... QUATERNARY AND TERTIARY SEDIMENTS OVERLAYING MIOCENE BASALT.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P..... 7.2
 SPECIFIC CONDUCTANCE..... 271.
 ALKALINITY..... 112.
 TOTAL DISSOLVED SOLIDS... 0 226.
 CHARGE IMBALANCE (A DIFF.)... 110.1

AS CAC03

ANALYSIS IN MG/L

AG....	CO3..... N	LI....	50.
AL....	CA.....	MG....	5.3
AS.... 14.	CU.....	MO....	512. 54.
AU....	F..... 0.5	NA....	21.
R.... 50.	FE+3....	NA+K..	504.. 25.
HA....	MC03.... 136.	NU3..	0 1.8
CA.... 31.	MG..... N	PO4..	0 0.31
CA+P..	H6.....		
CO....	H2S.....		
CL.... 6.0			
CO....	K..... 5.9		

ISOTOPES 10/001

QUALIFICATION FIELD..... NITRATE IS REPORTED AS NO3 PLUS NO2; AMOUNT PHOSPHATE IS DERIVED FROM REPORTED PHOSPHOROUS
 VALUES AMOUNT TOTAL SOLIDS IS A CALCULATED VALUE
 REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975B

RECORD 00931

GEOTHERM FILE 101 0001302

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ELVIN CRAIG WELL
 WELL/SPRING NUMBER..... TIN-02W-16-AA91

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... WASHINGTON
 MAP REFERENCE..... CRANE CREEK RESERVOIR 1162500
 OTHER LOCALITY INFORMATION LOCATION APPROXIMATE

LAT/LONG... 44-17.68 N 116-34.57 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/14 YOUNG AND OTHERS
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 41.

PERTINENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P..... 8.0
 SPECIFIC CONDUCTANCE..... 440.
 ALKALINITY..... 232.
 TOTAL DISSOLVED SOLIDS... 337.
 CHARGE IMBALANCE (A DIFF.)... 7.4

AS CAC03

ANALYSIS IN MG/L

AG....	CO3..... N	MO....	19.
AL....	CA.....		

ISOTOPES 10/001

Al.....	CH.....	MO....	SI02..	dl.
B..... N	F..... 0.3	NA.... 26.	S04..	11.
HA.....	FE+3....	NA+K..		
CA..... 31.	MC03.... 283.	NO3... N		
CO.....	M2S.....	PO4... N		
CL..... 2.2				
CO.....	K..... 13.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00932

GEOTHERM FILE 101 0001406

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FAIRCHILD HOT SPRINGS

WELL/SPRING NUMBER..... 14N-03W-19-CHOIS

LOCATION.....

COORDINATES

LAT/LONG... 44-31.88 N 116-45.21 W

COUNTY..... UNITED STATES 14N 003W 19 SE OF NW SW

STATE..... IDAHO MERIDIAN BOISE

COUNTY..... WASHINGTON

MAP REFERENCE..... STURGILL PEAK 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/05/22

TEMPERATURE (C)..... 44.9

ANALYSIS

PH..... 6.46

SPECIFIC CONDUCTANCE... 371.

ALKALINITY..... 56.

TOTAL DISSOLVED SOLIDS... 238.

CHANGE IN ALKALINITY (A DIFF.)... 4.7

ANALYSIS IN PPM

AG..... CO3..... 2.4

AL..... CR.....

H..... 0.52 F.....

HA..... FE+3.....

CA..... 7.8 MC03..... 56.

CL..... 1.6 K..... 3.1

CO.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY

COMPILER AFFILIATION... U.S.G.S.

REFERENCE..... WALKER AND SISCO, 1964

RECORD 00933

GEOTHERM FILE 101 0001316

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FAIRCHILD HOT SPRINGS

WELL/SPRING NUMBER..... 14N-03W-19-CHOIS

LOCATION.....

COUNTY..... UNITED STATES 14N 003W 19 SE OF NE SW

STATE..... IDAHO MERIDIAN BOISE

COUNTY..... WASHINGTON

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... STURGILL PEAK 1162500

SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES

LAT/LONG... 44-31.88 N 116-45.21 W

DATE/COLLECTOR..... 1972/06/27 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 50.
 DISCHARGE..... 220. L/MIN
 PERTINENT LITHOLOGY..... MIOCENE BASALT.
 WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 P..... 8.5
 SPECIFIC CONDUCTANCE..... 406.
 ALKALINITY..... 68.
 TOTAL DISSOLVED SOLIDS... 0 314.
 CHARGE IMBALANCE (% DIFF.)... 3.0
 ANALYSIS IN MG/L

AS CaCO3

ISOTOPIES (0/001)

AG.....	CO3.....	1.0	MG.....	0.8	SI02..	55.
AL.....	CH.....		MO.....			
AU.....	CU.....		NA.....	80.	SO4..	110.
Fe.....	F.....	0.8	NAK..			
HA.....	FE+3.....		NO3..	0.3		
CA.....	MC03.....	81.	PO4..	0.05		
CO.....	M2S.....					
CL.....						
CO.....						

QUALIFICATION FIELD..... AMOUNT TOTAL DISSOLVED SOLIDS IS A CALCULATED VALUE
 REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00930

GEOTHERM FILE 101 0025121

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FRANK CHANDLER WELL
 WELL/SPRING NUMBER..... 12N-005W-33-DMC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12N 005W 33 SW OF NW SE
 STATE..... IDAHO

LAT/LONG... 44-19.88 N 116-50.53 W

COUNTY..... WASHINGTON

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... MANN CREEK 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 42.
 DISCHARGE..... 1514. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.
 COMPILED AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00935

GEOTHERM FILE 101 0081310

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GEOSOLAR OWNERS WELL #2
 WELL/SPRING NUMBER..... 11N-005W-10-CCA2

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 005W 10 NE OF SW SW
 STATE..... IDAHO

LAT/LONG... 44-17.97 N 117- 2.98 W

MERIDIAN HOUSE

COUNTY..... WASHINGTON
 MAP REFERENCE..... OLDS FERRY SE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/08/23 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 77.
 WELL DEPTH (M)..... 33.

PERFECT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P1..... 9.1

SPECIFIC CONDUCTANCE..... 683.

ALKALINITY..... 45.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 0.544.

CHARGE IMBALANCE (% DIFF.)... 67.8

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG....	CO3.....	41.	LI....	50.		
AL....	Ca.....		MG....	0.1		
AS....						
AU....	CU.....		MO....		SI02.	130.
H....	F.....	3.4	NA....	140.		
HA....	FE+3.....		NA+K.		SO4..	150.
CA....	MC03.....	33.	NU3..	0.01		
CA+MG.	MG.....	N				
CD....	H2S.....		PO4..	0.055		
CL....						
CO....	K.....	5.3				

QUALIFICATION FIELD..... NITRATE IS REPORTED AS NO3 PLUS NO2; AMOUNT PHOSPHATE IS DERIVED FROM REPORTED PHOSPHOROUS

VALUE AMOUNT TOTAL SOLIDS IS A CALCULATED VALUE

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE D.

COMPILED AFFILIATION... UAHM DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975H

RECORD 00936

GEOTHERMAL SAMPLE FILE

GEOTHERMAL FILE 101 0081311

NAME OF SAMPLE SOURCE... GEOSOLAR GROWERS WELL #3

WELL/SPRING NUMBER..... 11N-06W-10-CCA3

LOCATION

QUAD/SHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 06W 10 NE OF SW SW

LAT/LONG... 44-17.96 N 117-02.93 W

STATE..... UAHM

MERID: BUZE

COUNTY..... WASHINGTON

MAP REFERENCE..... OLDS FERRY SE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/02 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 74.0

WELL DEPTH (M)..... 30.

PERFECT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P1..... 9.2

SPECIFIC CONDUCTANCE..... 734.

ALKALINITY..... 88.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 0.566.

ANALYSIS IN MG/L

ISOTOPES (0/001)

CO3.....	37.	LI....	50.
----------	-----	--------	-----

AL....	AS....	AU....	H....	HA....	CA....	CA+H.	CO....	CL....	CO....	CR.....	CU.....	FE+3....	HCO3....	HG.....	H2S....	K.....	MG... N	MO....	NA....	NA+K.	NO3..	PO4..	S102.	S04..	
	4.	2100.			2.0			117.04AB			2.9		32.	N		4.0			140.		0 0.03	0 0.01		140.	150.

CO.... K..... 4.8
QUALIFICATION FIELD..... NITRATE IS REPORTED AS NO3 PLUS NO2; AMOUNT PHOSPHATE IS DERIVED FROM REPORTED PHOSPHOROUS
VALUE; AMOUNT TOTAL SOLIDS IS A CALCULATED VALUE
REFERENCE AND QUALIFICATION

REFERENCE AND IDENTIFICATION
COMPILED BY..... BENMAN, GEORGE O.
COMPIILER AFFILIATION... INLAND DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975H

RECONU 00937

GEOTHERM FILE 101 0081309

GOVERNMENT SAMPLE FILE

NAME OF SAMPLE SOURCE... GEOSOLAR GROWERS WELL NO. 1

NAME OF SAMPLER SOURCE.....
 WELL/SPRING NUMBER..... 11N-004-10-CCA 1
 LOCATION..... TOWN

TOWNSHIP-RANGE

COORDINATES

LAIT/LUNG... 44-17-93 N 117- 2.98 W

COUNTRY..... UNITED STATES 11N 006N 10 NE OF SW SW
STATE..... LOADO MEXICO HOUSE

STATE..... IDAHO
COUNTY..... WASHINGTON

COUNTY..... WASHINGTON
MAP REFERENCE..... OLUS FERRY SE 1:24000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

944 THE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/02 YOUNG AND WHITEHEAD

TEMPERATURE (C) 70.

WAVE PERIOD (SEC).....	1.00
WAVE HEIGHT (M).....	1.00
WAVE LENGTH (M).....	131
WAVE DIRECTION (DEG).....	131
WAVE PERIOD (SEC).....	1.00
WAVE HEIGHT (M).....	1.00
WAVE LENGTH (M).....	131
WAVE DIRECTION (DEG).....	131

DISCHARGE..... 17. L/MIN

PERFECT LITHOLOGY..... MIOCENE BASALT.

MAPER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P-1

SPECIFIC CONDUCTANCE..... 726

AI KAI INITY..... 42.

TOTAL DISSOLVED SOLIDS... 0.513

CHARGE-IMBALANCE (% DIFF.)... 57.4

ANALYSIS IN MG/L

AG..... COJ..... JA.

ΔΙ C4

AS 444 1

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

4. 2200

4A 000 3 FE 3

CA... 92.1 HCU 3... 35.

C.A. H.C. O.C. M.C.

CN.....M2S.....

CL 1000 508

CH... K... S...

QUANTITATIVE FIELD.....NITRATE IS

VALUES. AMOUNT TOTAL SOLIDS IS A CAL

REFERENCE AND IDENTIFICATION

QUALIFICATION FIELD..... NITRATE IS REPORTED AS NO3 PLUS NO2; AMOUNT PHOSPHATE IS DERIVED FROM REPORTED PHOSPHOROUS
VALUES; AMOUNT TOTAL SOLIDS IS A CALCULATED VALUE
REFERENCE AND QUALIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975; NIGHTMIRE AND OTHERS, 1976 (ISOTOPE DATA)

RECORD 00938

GEOTHERM FILE 101 0001450

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GEOSOLAR GROWERS WELL NO. 1
 WELL/SPRING NUMBER..... 11N-06W-10-CCAI

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 11N 06W 10 NE OF SW SW
 STATE..... IDAHO MERIDI BUISE

LAT/LONG... 44-17.93 N 117-02.98 W

COUNTY..... WASHINGTON

MAP REFERENCE..... OLDS FERRY SE 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/28

TEMPERATURE (C)..... 70

WELL DEPTH (M)..... 122

DISCHARGE..... 1 L/MIN

WATER ANALYSIS

P..... 8.2

SPECIFIC CONDUCTANCE..... 699

ALKALITY..... 107 AS CaCO3

TOTAL DISSOLVED SOLIDS... 612

CHARGE IMBALANCE (K DIFF).... 2.3

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG..... CO3..... 19

AL..... CR.....

AU..... CU.....

H..... F..... 4.6

HA..... FE.....

CA..... 2.7 MC03..... 92

CD..... H2S.....

CL..... 55

CN.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY

COMPILER AFFILIATION... U.S.G.S.

REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00939

GEOTHERM FILE 101 0001307

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GLENHILL WELL

WELL/SPRING NUMBER..... 11N-06W-03-DCB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTY..... UNITED STATES 11N 06W 03 NW OF SW SE

LAT/LONG... 44-18.86 N 117- 2.41 W

STATE..... IDAHO MERIDI BUISE

COUNTY..... WASHINGTON

MAP REFERENCE..... OLDS FERRY SE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/07 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 25

WELL DEPTH (M)..... 72

DISCHARGE..... 1 L/MIN

PERMITTENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS, MIOCENE BASALT (?).
 WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....

P..... 7.4

SPECIFIC CONDUCTANCE..... 579.

ALKALINITY..... 72.

TOTAL DISSOLVED SOLIDS..... 0 464.

CHARGE IMBALANCE (% DIFF.)... 35.2

ANALYSIS IN MG/L

AG..... CO3..... 36.

AL..... CH.....

AS..... N

AI..... CH.....

H..... 2400. F..... 0.6

HA..... FE3.....

CA..... 4.0 MCU3..... 15.

CA+MG..... MG..... N

CO..... M2S.....

CL.....

CO..... A..... 1.2

QUALIFICATION FIELD..... AMOUNT TOTAL DISSOLVED SOLIDS IS A CALCULATED VALUE

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.

CAMPLER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975B

ISOTOPES (0/001)

LI... 20.

MG... 0.1

MO... 130.

NA... 150.

NA+K... 150.

NO3... N

PO4... N

SI02... 77.

SO4... 150.

RECORD 00940

GEOTHERM FILE 101 0081306

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GLENN MILL WELL

WELL/SPRING NUMBER..... 11N-UOH-03-DHH

LOCATION

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... WASHINGTON

MAP REFERENCE..... OLDS FERRY SE 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/08 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 24.

ELI DEPTH (M)..... 127.

DISCHARGE..... 17. L/MIN

PERMITTENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS, MIOCENE BASALT (?).

WATER ANALYSIS

DATE/ANALYST.....

U.S. GEOLOGICAL SURVEY

P..... 4.6

SPECIFIC CONDUCTANCE..... 624.

ALKALINITY..... 55.

TOTAL DISSOLVED SOLIDS... 0 412.

CHARGE IMBALANCE (% DIFF.)... 18.3

ANALYSIS IN MG/L

AG..... CO3..... N

AL..... CH.....

AS.....

AI..... CH.....

H..... 2000. F..... 1.4

HA.....

ISOTOPES (0/001)

LI... 10.

MG... N

MO... 120.

NA... 120.

SI02... 42.

RA.... FE+3.... NA+K... S04... 180.
 CA.... 4.4 MC03.... 67. NO3... 0 0.01
 CA+MG... MG..... N P04... 0 0.09
 CU.... M2S....
 CL.... 28.
 CO.... K..... 0.6

QUALIFICATION FIELD..... NITRATE IS REPORTED AS NO3 PLUS NO2; AMOUNT PHOSPHATE IS DERIVED FROM REPORTED PHOSPHOROUS
 VALUES; AMOUNT TOTAL SOLIDS IS A CALCULATED VALUE

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975B

RECORD 00941

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0025457

NAME OF SAMPLE SOURCE... KERMIT WIGGINS WELL

WELL/SPRING NUMBER..... 15N-03W-10-UHC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15N 003W 10 SW OF NW SE

LAT/LONG... 44-38.06 N 116-40.97 W

STATE..... IDAHO

COUNTY..... WASHINGTON

MAP REFERENCE..... LOCATION APPROXIMATE

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.

ELI DEPTH (M)..... 91.

DISCHARGE..... 151. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RUDGAVETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1990

RECORD 00942

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0081312

NAME OF SAMPLE SOURCE... MIDVALE CITY WELL

WELL/SPRING NUMBER..... 13N-03W-08-CCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13N 003W 08 SW OF SW SW

LAT/LONG... 44-28.30 N 116-43.91 W

STATE..... IDAHO

COUNTY..... WASHINGTON

GEOLOGIC PROVINCE... 17

MAP REFERENCE..... CRAWF CREEK RESERVOIR 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTION..... 1972/06/28 YOUNG AND MITCHELL

TEMPERATURE (C)..... 24.

ELI DEPTH (M)..... 316.

PERMEANT LITHOLOGY..... MIOCENE BASALT, QUATERNARY AND TERTIARY SEDIMENTS.

WATER ANALYSIS

DATE ANALYST..... U.S. GEOLOGICAL SURVEY

SPECIFIC CONDUCTANCE..... 338.

ALKALINITY..... 185. AS CaCO3

TOTAL DISSOLVED SOLIDS... 0.318.

CHARGE IMBALANCE (% DIFF.)... 3.6

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG....	CO3..... N	MG...	0.8		
AL....	CH.....	MO...		5102.	84.
AU....	CU.....	NA...	73.		
R..... N	F..... 0.7	NA+K..		504..	14.
HA....	FE+3....	NO3...	0.04		
CA.... 8.7	HCO3.... 225.	PO4...	0.04		
CD....	H2S.....				
CL.... 3.1					
CO....	K..... 23.				

QUALIFICATION FIELD..... AMOUNT TOTAL DISSOLVED SOLIDS IS A CALCULATED VALUE

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00943

GEOTHERM FILE 101 0025456

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NAKAMURA BROTHERS WELL

WELL/SPRING NUMBER..... 11N-006-15-DUAL

LOCATION

IDMSHIP-RANGE

COORDINATES

LAT/LONG... 44-17.14 N 117-02.00 W

COUNTRY..... UNITED STATES 11N 006W 15 NE OF SE SE

STATE..... IDAHO

COUNTY..... WASHINGTON

MAP REFERENCE..... OLDS FERRY S.E. 1124000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.

WELL DEPTH (M)..... 92.

DISCHARGE..... 1249. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00944

GEOTHERM FILE 101 0025120

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PHIL SOULEN WELL

WELL/SPRING NUMBER..... 11N-02W-27-AUB1

LOCATION

IDMSHIP-RANGE

COORDINATES

LAT/LONG... 44-15.77 N 116-33.38 W

COUNTRY..... UNITED STATES 11N 002W 27 W OF SE NE

STATE..... IDAHO

COUNTY..... WASHINGTON

GEOLOGIC PROVINCE.. 17

MAP REFERENCE..... CRANE CREEK RESERVOIR 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 150.

DISCHARGE..... 757. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... RIDEGANETA, KIM M.

COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES

REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00945

GEOTHERM FILE 101 0081314

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SALUBRIA CEMETERY WELL
 WELL/SPRING NUMBER... 14N-02W-06-UCB1
 LOCATION
 COUNTY... UNITED STATES 14N 02W 06 NE OF SW SE
 STATE... IDAHO MERID: BUISE
 COUNTY... WASHINGTON
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE... CAMBRIDGE 1162500

COORDINATES

LAT/LONG... 44-34.43 N 116-37.31 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1972/06/28 YOUNG AND MITCHELL
 TEMPERATURE (C)... 70.
 DISCHARGE... 1631. L/MIN.
 PERMEANT LITHOLOGY... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST... U.S. GEOLOGICAL SURVEY
 PH... 7.8
 SPECIFIC CONDUCTANCE... 1400.
 ALKALINITY... 53. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 0 667.
 CHARGE IMBALANCE (A DIFF.)... 4.0

ANALYSIS IN MG/L

AG...	CO3...	20.	MG...	0.1		
AL...	CL...		CU...		5102.	72.
AI...	CO...		FE...	1.9	NA...	200.
HA...	FE...		NO3...	0.06	SO4...	200.
CA...	HCO3...	24.	PO4...	0.69		
CH...	H2S...					
CI...						
CO...	K...	3.8				

ISOTOPES (U/041)

QUALIFICATION FIELD... AMOUNT TOTAL DISSOLVED SOLIDS IS A CALCULATED VALUE

REFERENCE AND IDENTIFICATION

COMPILED BY... DENMAN, GEORGE O.
 COMPUTER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE... YOUNG AND MITCHELL, 1973

RECORD 00946

GEOTHERM FILE 101 0025122

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SALUBRIA CEMETERY WELL
 WELL/SPRING NUMBER... 14N-02W-06-UCB1
 LOCATION
 COUNTY... UNITED STATES 14N 02W 06 NE OF NW NW
 STATE... IDAHO MERID: BUISE
 COUNTY... WASHINGTON
 GEOLOGIC PROVINCE... 17
 MAP REFERENCE... CAMBRIDGE 1162500

COORDINATES

LAT/LONG... 44-34.37 N 116-37.31 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 23.
 DISCHARGE... 1139. L/MIN.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... BIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAMO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980

RECORD 00947

GEOTHERM FILE 101 0001586

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING NEAR CRANE CREEK (1)
 WELL/SPRING NUMBER..... 114-03W-07-CBH15

LOCATION

IDAMSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 003W 07 W OF NW SW
 STATE..... IDAMO MERID: BUISE

LAT/LONG... 44-18.2 N 116-45.0 W

COUNTY..... WASHINGTON
 MAP REFERENCE..... CRANE CREEK RESERVOIR 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/10/01

TEMPERATURE (C)..... 77.

DISCHARGE..... 170. L/MIN

WATER ANALYSIS

P..... 7.1

SPECIFIC CONDUCTANCE..... 1500.

ALKALINITY..... 162.

AS CaCO3

TOTAL DISSOLVED SOLIDS... 1070.

CHARGE BALANCE (X DIFF.)... 2.9

ANALYSIS IN MG/L

AG..... CO3..... M

AL..... CR.....

AS..... 0.042

AU.....

H..... 110

HA.....

CA..... 200

CA.....

CD.....

CL..... 200

CO.....

K..... 100

LI... 0.66

MG... 0.3

MU... 100

NA... 290

NA... 240

NU... 1.4

PO4... 0.09

M25.....

ISOTOPES (0/00)

DEL D OF WATER..... -142.

DEL O(18) OF WATER... -14.8

QUALIFICATION FIELD..... NOT INCLUDES NO2

REFERENCE AND IDENTIFICATION

COMPILED BY..... LIEB, RANDY

COMPILER AFFILIATION... U.S.G.S.

REFERENCE..... YOUNG AND WHITEHEAD, 1975; NIGHTMIRE AND OTHERS, 1976 (ISOTOPE DATA)

RECORD 00948

GEOTHERM FILE 101 0001405

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL NORTH OF MIDVALE (1)

WELL/SPRING NUMBER..... 114-03W-05-HCH1

LOCATION

IDAMSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 003W 05 W OF SW NW
 STATE..... IDAMO MERID: NOTSE

LAT/LONG... 44-24.70 N 116-44.00 W

COUNTY..... WASHINGTON

MAP REFERENCE..... 17

MAP REFERENCE..... CRANE CREEK RESERVOIR 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/13

TEMPERATURE (C)..... 22.5
 WELL DEPTH (M)..... 71.
 DISCHARGE..... 74. L/MIN
 WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 494.
 ALKALINITY..... 206. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 338.
 CHARGE IMBALANCE (A DIFF.)... 15.0

ANALYSIS IN MG/L

AG.....	CO3.....	4	MG.....	23.	
AL.....	CP.....		MO.....	5102.	47.
AU.....	CU.....		NA.....	25.	
H.....	F.....	0.3	NA+K.	504.	18.
HA.....	FE+3.....				
HF.....	FE(TOT).....	0.01			
CA.....	HCO3.....	251.	NO3.....	39.	
CO.....	H2S.....		PO4.....	0.12.	
CL.....					
CO.....	K.....	5.1			

QUALIFICATION FIELD..... NO3 INCLUDES NO2

REFERENCE AND IDENTIFICATION

CHARTERED BY..... LIEB, RANDY
 COMPUTER AFFILIATION... U.S.G.S.
 REFERENCE..... YOUNG AND OTHERS, 1977

RECORD 00949

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0001315

NAME & SAMPLE SOURCE... VILLAGE OF CAMBRIDGE WELL
 WELL/SPRING NUMBER..... 16N-33N-03-00C 1
 LOCATION

COORDINATES

LAT/LONG... 44-34.37 N 116-40.67 W

COUNTRY..... UNITED STATES 16N 003W 03 SW OF SE SE
 STATE..... IDAHO MERIDIAN NOISE

COUNTY..... WASHINGTON
 MAP REFERENCE..... CAMBRIDGE 1142500

SAMPLE DESCRIPTION AND COLLECTIONS

DATE/LOCATION..... 1972/06/28 YOUNG AND MITCHELL

TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 242.
 DISCHARGE..... L/MIN

PERMIT/LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.
 SPECIFIC CONDUCTANCE..... 309.
 ALKALINITY..... 155. AS CaCO3
 TOTAL DISSOLVED SOLIDS..... 206.
 CHARGE IMBALANCE (A DIFF.)... 2.3

ANALYSIS IN MG/L

ISOTOPE (0/001)

AG.....	CO3.....	16.	MO.....	0.2	
AL.....	CP.....		NO.....	5102.	70.
AU.....	CU.....		NA.....	73.	
H.....	F.....	1.0	NA+K.	504.	15.
HA.....	FE+3.....				
HF.....	HCO3.....	157.	NO3.....	0.04	

CO.... M25..... PU4.. 0.04
 CL.... 3.8
 CO.... K..... 6.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND MITCHELL, 1973

RECORD 00950

GEOTHERM FILE 101 0081308

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WEISEN WARM SPRINGS

WELL/SPRING NUMBER..... 11N-00W-10-ACH 15

LOCATION..... LONGSHIP-RANGE

COORDINATES

LAT/LONG... 44-18.39 N 117- 2.52 W

COUNTRY..... UNITED STATES 11N 00W 10 NW OF SW VE

STATE..... IDAHO MEXICO: BUISE

COUNTY..... WASHINGTON

MAP REFERENCE..... OLDS FERRY SE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/06 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 22.

DISCHARGE..... 19. L/MIN

PERFICIENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS; MIocene BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY

P..... 7.3

SOPHISTIC CONDUCTANCE..... 335.

ALKALINITY..... 36. AS CaCO3.

TOTAL DISSOLVED SOLIDS... 0.225.

CHARGE IMBALANCE (A DIFF.)... 22.2

ANALYSIS IN MG/L

AG....	CU3..... N	LI....	
AL....	CA.....	MG....	1.8
AS.... 5.0			
AT....	CU.....	MO....	5102. 31.
H..... 1420.	P..... 1.2	NA.... 50.	
HA....	FE+3....	NA+K.. 504.. 53.	
CA.... 12.	MCU3.... 44.	NO3... 0 0.0	
CA+Y.	MO..... N		
CO....	M25.....	PU4... 0 0.08	
CI.... 17.			
CO....	K..... 1.4		

ISOLOPES 10/001

QUALIFICATION FIELD..... NITRATE IS REPORTED AS NO3 PLUS NO2; AMOUNT PHOSPHATE IS DERIVED FROM REPORTED PHOSPHOROUS
 VALUE; AMOUNT TOTAL SOLIDS IS A CALCULATED VALUE

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILED AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1973

RECORD 00951

GEOTHERM FILE 101 0025454

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILLIAM WHUMMETT WELL

WELL/SPRING NUMBER..... 11N-00W-33-00A1

LOCATION.....

COUNTRY..... UNITED STATES 11N 00W 33 NE OF NW SE

COORDINATES

LAT/LONG... 44-14.69 N 116-48.99 W

STATE..... IDAHO
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE.. 17
 MAP REFERENCE..... WEISER CUE 1:24000
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 74.
 WELL DEPTH (M)..... 628.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... AIDEGANETA, KIM M.
 COMPILER AFFILIATION... IDAHO DEPT. OF WATER RESOURCES
 REFERENCE..... MITCHELL AND OTHERS, 1980