

GL04294
FILE_CAB/9DRAWER_

GEOHERM:
IDAHO

RECORD 00001

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015256

WELL/SPRING NUMBER..... 5N 1E 26DCD1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05N 01E 26 SW OF SE
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... EAGLE 1:24000

COORDINATES
 LAT/LONG... 43-44.15 N 116-17.54 W
 UTM ZONE... +11
 NORTHING... 4842561.
 EASTING.... 556989.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/09 MITCHELL, JOHN
 SAMPLE NUMBER..... 5N 1E 26DCD1
 POINT OF COLLECTION.. SPIGOT IN WELL HOUSE
 TEMPERATURE (C)..... 29.0
 DISCHARGE..... 17. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 7.9 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 280.
 ALKALINITY..... 93. AS CAC03
 TOTAL DISSOLVED SOLIDS... 206.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... C03..... N LI... 0.03
 AL..... CR..... MG... 1.9
 AS..... 0.017
 AU..... CU..... MO... SI02. 32.
 B..... 0.05 F..... 3.5 NA... 37.
 BA..... FE+3..... NA+K. S04.. 47.
 CA..... 22. HC03..... 110.
 CA+MG. HG..... N
 CD..... H2S..... P04.. N
 CL..... 4.8
 CO..... K..... 3.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00002

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015258

WELL/SPRING NUMBER..... 4N 2E 4BDC1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04N 02E 04 SE OF NW
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... BOISE NORTH 1:24000

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
 SAMPLE NUMBER..... 4N 2E 4BDC1
 POINT OF COLLECTION.. SPIGOT IN PUMPHOUSE
 TEMPERATURE (C)..... 29.0
 DISCHARGE..... 17. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3 FA FU FD RU RC

WATER ANALYSIS

PH..... 7.3 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 290.
 ALKALINITY..... 120. AS CAC03
 TOTAL DISSOLVED SOLIDS... 211.

ANALYSIS IN MG/L

AG....		CO3..... N		LI...	0.03		
AL....		CR.....		MG...	3.1		
AS....	0.03						
AU....		CU.....		MO...		SI02.	27.
B.....	0.02	F.....	2.0	NA...	30.	S04..	36.
BA....		FE+3....		NA+K.			
CA....	34.	HCO3....	150.				
CA+MG.		HG..... N					
CD....		H2S.....		P04..	N		
CL....	3.9						
CO....		K.....	1.2				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00003

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0015259

WELL/SPRING NUMBER..... 4N 1E 24DCC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 01E 24 SW OF SE
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... EAGLE 1:24000

LAT/LONG... 43-39.52 N 116-16.56 W
 UTM ZONE... +11
 NORTHING... 4834002.
 EASTING.... 558380.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/09 MITCHELL, JOHN
 SAMPLE NUMBER..... 4N 1E 24DCC1
 POINT OF COLLECTION.. HOSE SPIGOT ON WELL HEAD
 TEMPERATURE (C)..... 27.0
 DISCHARGE..... 95. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 7.6 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 310.
 ALKALINITY..... 165. AS CAC03
 TOTAL DISSOLVED SOLIDS... 237.

ANALYSIS IN MG/L

AG....		CO3..... N		LI...	0.3		
AL....		CR.....		MG...	2.1		
AS....	0.001						
AU....		CU.....		MO...		SI02.	60.
B.....	0.11	F.....	0.6	NA...	42.	S04..	3.1
BA....		FE+3....		NA+K.			
CA....	22.	HCO3....	200.				
CA+MG.		HG..... N					
CD....		H2S.....		P04..	0.12		
CL....	2.6						
CO....		K.....	5.4				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00004

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015265

NAME OF SAMPLE SOURCE... BEARD WELL
 WELL/SPRING NUMBER..... 3N 2E 11ABC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03N 02E 11 NW OF NE
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... BOISE NORTH 1:24000

LAT/LONG... 43-37.01 N 116-11.40 W
 UTM ZONE... +11
 NORTHING... 4829420.
 EASTING.... 565359.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/21 MITCHELL, JOHN
 SAMPLE NUMBER..... 3N 2E 11ABC1
 POINT OF COLLECTION.. WELL DISCHARGE PIPE
 TEMPERATURE (C)..... 76.0
 DISCHARGE..... 0.09 L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 8.5 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 420.
 ALKALINITY..... 126. AS CAC03
 TOTAL DISSOLVED SOLIDS... 295.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	19.	LI...	0.05		
AL.....		CR.....		MG... N			
AS.....	0.007						
AU.....		CU.....		MO...		SI02.	80.
B.....		F.....	17.	NA...	89.	S04..	21.
BA.....		FE+3....		NA+K.			
CA.....	5.5	HCO3....	120.				
CA+MG.		HG..... N					
CD.....		H2S.....		P04..	0.01		
CL.....	3.1						
CO.....		K.....	1.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00005

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015260

NAME OF SAMPLE SOURCE... FERD KOCH WELL
 WELL/SPRING NUMBER..... 3N 2E 2CBD1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03N 02E 02 NW OF SW
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... BOISE SOUTH 1:24000

LAT/LONG... 43-37.28 N 116-11.22 W
 UTM ZONE... +11
 NORTHING... 4829922.
 EASTING.... 565597.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/10 MITCHELL, JOHN
 SAMPLE NUMBER..... 3N 2E 2CBD1

POINT OF COLLECTION.. HOSE IN PUMPHOUSE
TEMPERATURE (C)..... 49.0
DISCHARGE..... 76. L/MIN
WATER TREATMENT..... 7 BOTTLE SAMPLE 3 FA FU FD RU RC

WATER ANALYSIS

PH..... 9.0 AT(C) 25.
SPECIFIC CONDUCTANCE..... 320.
ALKALINITY..... 91. AS CAC03
TOTAL DISSOLVED SOLIDS... 209.

ANALYSIS IN MG/L

AG.... CO3..... 15. LI... 0.03
AL.... CR..... MG... 0.1
AS.... 0.009
AU.... CU..... MO... SI02. 39.
B.... 0.1 F..... 3.1 NA... 72.
BA.... FE+3.... NA+K. S04.. 25.
CA.... 3.0 HCO3.... 89.
CA+MG. HG..... N
CD.... H2S..... P04.. N
CL.... 7.3
CO.... K..... 0.6

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00006

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HIDDEN VALLEY WELL
WELL/SPRING NUMBER..... SN 1E 25BCCD

GEOHERM FILE ID: 0015257

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE 05N 01E 25 SW OF NW
STATE..... IDAHO
COUNTY..... ADA
GEOLOGIC PROVINCE..
MAP REFERENCE..... EAGLE 1:24000

COORDINATES

LAT/LONG... 43-44.37 N 116-17.04 W
UTM ZONE... +11
NORTHING... 4842974.
EASTING... 557657.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/08 MITCHELL, JOHN
SAMPLE NUMBER..... 5N 1E 25BCC
POINT OF COLLECTION.. SPIGOT FROM WELL DISCHARGE PIPE
TEMPERATURE (C)..... 27.5
DISCHARGE..... 1703. L/MIN
WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 8.6 AT(C) 25.
SPECIFIC CONDUCTANCE..... 340.
ALKALINITY..... 121. AS CAC03
TOTAL DISSOLVED SOLIDS... 246.

ANALYSIS IN MG/L

AG.... CO3..... N LI... 0.03
AL.... CR..... MG... 4.3
AS.... 0.017
AU.... CU..... MO... SI02. 38.
B.... 0.04 F..... 1.8 NA... 28.
BA.... FE+3.... NA+K. S04.. 54.
CA.... 38. HCO3.... 150.

ISOTOPES (0/00)

CA+MG, HG..... N
 CD.... H2S..... P04.. N
 CL.... 4.1
 CO.... K..... 3.6
REFERENCE AND IDENTIFICATION
 COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00007

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000495

NAME OF SAMPLE SOURCE... NE BOISE THERMAL AREA
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 43-36.14 N 116-09.93 W
 UTM ZONE... +11
 NORTHING... 4827829.
 EASTING.... 567353.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75.0

WATER ANALYSIS

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

PH..... 7.3

ANALYSIS

AU....	CU.....	MO...	SI02.	78.
B.....	F.....	NA... 75.	S04..	23.
BA....	FE+3....	NA+K.		
CA.... 2.0	HCO3.... 141.			
CL.... 9.3				
CO....	K..... 1.3			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00008

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015277

WELL/SPRING NUMBER..... 22N 1E 34DAC1S
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 45-03.18 N 116-19.28 W
 UTM ZONE... +11
 NORTHING... 4988845.
 EASTING.... 553442.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/19 MITCHELL, JOHN

SAMPLE NUMBER..... 12N 1E 34DAC S

TEMPERATURE (C)..... 26.0

DISCHARGE..... 19. L/MIN

WATER TREATMENT..... 7 BOTTLE SAMPLE 3FAFUFDRURC

WATER ANALYSIS

PH..... 9.4 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 240.
 ALKALINITY..... 84. AS CAC03

TOTAL DISSOLVED SOLIDS... 211.

ANALYSIS

AG....		CO3.....	34.	LI... N			
AL....		CR.....		MG... N			
AS....	0.001						
AU....		CU.....		MO...		SI02.	41.
B.....	0.150	F.....	1.0	NA... 50.		S04..	40.
BA....		FE+3....		NA+K.			
CA....	17.	HCO3....	46.				
CA+MG.		HG..... N					
CD....		H2S.....		P04.. 0.02			
CL....	5.0						
CO....		K.....	0.4				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00009

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0000455

NAME OF SAMPLE SOURCE... KRIGBAUM HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	LAT/LONG...	44-58.11 N 116-11.43 W
STATE.....	IDAHO	UTM ZONE...	+11
COUNTY.....	ADAMS	NORTHING...	4979553.
GEOLOGIC PROVINCE..		EASTING....	563838.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 43.0

WATER ANALYSIS

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

PH..... 8.8

ANALYSIS

AU....		CU.....		MO...		SI02.	73.
B.....		F.....		NA... 140.		S04..	190.
BA....		FE+3....		NA+K.			
CA....	5.3	HCO3....	81.				
CL....	26.						
CO....		K.....	3.3				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00010

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0000457

NAME OF SAMPLE SOURCE... STARKEY HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	LAT/LONG...	44-51.18 N 116-25.75 W
STATE.....	IDAHO	UTM ZONE...	+11
COUNTY.....	ADAMS	NORTHING...	4966562.
GEOLOGIC PROVINCE..		EASTING....	545107.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 56.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 8.6

ANALYSIS

ISOTOPES (0/00)

AU.....	CU.....	MO...	SI02.	56.
B.....	F.....	NA... 86.	S04..	150.
BA.....	FE+3....	NA+K.		
CA..... 4.5	HCO3..... 60.			
CO.....	K..... 1.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00011

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000459

NAME OF SAMPLE SOURCE... WHITE LICKS HOT SPRINGS
LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	LAT/LONG... 44-40.92 N 116-13.75 W
STATE..... IDAHO	UTM ZONE... +11
COUNTY..... ADAMS	NORTHING... 4947698.
GEOLOGIC PROVINCE..	EASTING.... 561090.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 7.6

ANALYSIS

ISOTOPES (0/00)

AU.....	CU.....	MO...	SI02.	110.
B.....	F.....	NA... 420.	S04..	660.
BA.....	FE+3....	NA+K.		
CA..... 39.	HCO3..... 71.			
CO.....	K..... 17.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00012

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000453

NAME OF SAMPLE SOURCE... ZIMS RESORT HOT SPRINGS (YOGHANN HOT SPRINGS)
LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	LAT/LONG... 45-02.56 N 116-17.02 W
STATE..... IDAHO	UTM ZONE... +11
COUNTY..... ADAMS	NORTHING... 4987722.
GEOLOGIC PROVINCE..	EASTING.... 556418.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0

WATER ANALYSIS

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

PH..... 8.5

ANALYSIS

ISOTOPES (0/00)

AU.....	CU.....	MO...	SI02..	64.
B.....	F.....	NA... 190.	S04..	330.
BA.....	FE+3....	NA+K.		
CA..... 12.	HCO3.... 47.			
CL..... 32.				
CO.....	K..... 3.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00013

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0015282

WELL/SPRING NUMBER..... 7S 38E 34BDD1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	07S 38E 34 NW OF SW	LAT/LONG... 42-46.11 N 111-59.57 W
STATE..... IDAHO		UTM ZONE... +12
COUNTY..... BANNOCK		NORTHING... 4735371.
GEOLOGIC PROVINCE..		EASTING... 418770.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/23 MITCHELL, JOHN
 SAMPLE NUMBER..... 7S 38E 34BDD1
 TEMPERATURE (C)..... 34.0
 DISCHARGE..... 189. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 6.2
 SPECIFIC CONDUCTANCE..... 2400.
 ALKALINITY..... 870. AS CAC03
 TOTAL DISSOLVED SOLIDS... 1380.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3..... N	LI... 0.280		
AL.....	CR.....	MG... 64.		
AS..... 0.005				
AU.....	CU.....	MO... SI02.. 38.		
B..... 0.31	F..... 0.8	NA... 81.	S04..	270.
BA.....	FE+3....	NA+K.		
CA..... 280.				
CA+MG.	HG..... 0.0001			
CD.....	H2S.....	P04.. 0.06		
CL..... 62.				
CO.....	K..... 62.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00014

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0015280

NAME OF SAMPLE SOURCE... YANDELL SPRINGS
 WELL/SPRING NUMBER..... 3S 37E 31ABD1S

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BINGHAM
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... YANDELL SPRINGS 1:62500

TOWNSHIP=RANGE
 03S 37E 31 NW OF SE

COORDINATES
 LAT/LONG... 43-08.59 N 112-11.59 W
 UTM ZONE... +12
 NORTHING... 4777189.
 EASTING.... 402970.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/18 MITCHELL, JOHN
 SAMPLE NUMBER..... 3S 37E 31ABDIS
 POINT OF COLLECTION.. SPRING VENT
 TEMPERATURE (C)..... 31.5
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 7.1 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 950.
 ALKALINITY..... 190. AS CAC03
 TOTAL DISSOLVED SOLIDS... 715.

ANALYSIS IN MG/L

AG....		C03..... N	LI...	0.03		
AL....		CR.....	MG...	35.		
AS....	0.004					
AU....		CU.....	MO...		SI02.	22.
B....	150.	F.....		0.9		
BA....		FE+3....	NA+K.		S04..	330.
CA....	22.	HCO3....		240.		
CA+MG.		HG.....		0.0001		
CD....		H2S.....	P04..	0.02		
CL....	29.					
CO....		K.....		7.2		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00015

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLARENDON HOT SPRINGS

GEOHERM FILE ID: 0000507

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BLAINE
 GEOLOGIC PROVINCE..

TOWNSHIP=RANGE

COORDINATES
 LAT/LONG... 43-33.64 N 114-24.89 W
 UTM ZONE... +11
 NORTHING... 4826110.
 EASTING.... 708796.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 8.2

ANALYSIS

AU....		CU.....	MO...		SI02.	80.
B....		F.....	NA...	81.		
BA....		FE+3....	NA+K.		S04..	68.
CA....	2.2	HCO3....		29.		
CL....	11.					
CO....		K.....		1.7		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00016

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000505

NAME OF SAMPLE SOURCE... GUYER HOT SPRINGS
LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... BLAINE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 43-40.51 N 114-24.60 W
UTM ZONE... +11
NORTHING... 4838840.
EASTING... 708790.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.5

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 8.0

ANALYSIS

AU..... CU..... MO... SI02. 86.
B..... F..... NA... 84.
BA..... FE+3... NA+K. S04.. 72.
CA..... 2.9 HC03.... 51.
CL..... 11.
CO..... K..... 2.1

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00017

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000509

NAME OF SAMPLE SOURCE... HAILEY HOT SPRINGS
LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... BLAINE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 43-30.34 N 114-22.02 W
UTM ZONE... +11
NORTHING... 4820123.
EASTING... 712853.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 59.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 8.7

ANALYSIS

AU..... CU..... MO... SI02. 85.
B..... F..... NA... 68.
BA..... FE+3... NA+K. S04.. 51.
CA..... 2.0 HC03.... 88.
CL..... 10.
CO..... K..... 1.5

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00018

GEO THERM FILE ID: 0000519

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MAGIC RESERVOIR AREA
LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... BLAINE
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 43-19.73 N 114-23.18 W
UTM ZONE... +11
NORTHING... 4800435.
EASTING.... 711907.

SAMPLE DESCRIPTION AND CONDITIONS

WELL DEPTH (M)..... 79.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 6.4

ANALYSIS

ISOTOPES (0/00)

AU.... CU..... MO... SI02. 100.
B..... F..... NA... 330.
BA.... FE+3... NA+K. S04.. 60.
CA.... 22. HCO3.... 766.
CL.... 83.
CO.... K..... 19.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00019

GEO THERM FILE ID: 0015270

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARFIELD HOT SPRINGS
WELL/SPRING NUMBER..... 4N 16E 36AAC1S
LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 04N 16E 36 NE OF NE
STATE..... IDAHO
COUNTY..... BLAINE
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 43-38.58 N 114-29.25 W
UTM ZONE... +11
NORTHING... 4835075.
EASTING.... 702650.

SAMPLE DESCRIPTION AND CONDITIONS

MAP REFERENCE..... GRIFFIN BUTTE 1:24000
DATE/COLLECTOR..... 1977/10/13 MITCHELL, JOHN
SAMPLE NUMBER..... 4N 16E 36AAC1S
TEMPERATURE (C)..... 62.0
DISCHARGE..... 680. L/MIN

WATER ANALYSIS

PH..... 8.7 AT(C) 25.
SPECIFIC CONDUCTANCE..... 370.
ALKALINITY..... 78. AS CAC03
TOTAL DISSOLVED SOLIDS... 289.

ISOTOPES (0/00)

ANALYSIS IN MG/L
AG.... CO3..... 37. LI... 0.17

AL....		CR.....		MG... N		
AS....	0.002					
AU....		CU.....		MO...	SI02.	97.
B.....	0.1	F.....	14.	NA...	67.	
BA....		FE+3....		NA+K.	S04..	35.
CA....	2.6	HCO3....	55.			
CA+MG.		HG..... N				
CD....		H2S.....		P04..	0.01	
CL....	8.1					
CO....		K.....	1.9			

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00020

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015271

WELL/SPRING NUMBER..... 8N 5E 6DCB1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 05E 06 SW OF SE
 STATE..... IDAHO
 COUNTY..... BOISE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... GARDEN VALLEY 1:62500

LAT/LONG... 44-03.11 N 115-54.25 W
 UTM ZONE... +11
 NORTHING... 4877997.
 EASTING.... 587784.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/20 MITCHELL, JOHN
 SAMPLE NUMBER..... 8N 5E 6DCB1
 POINT OF COLLECTION.. SPIGOT NEAR POOL
 TEMPERATURE (C)..... 48.0
 DISCHARGE..... 19. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 8.9 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 370.
 ALKALINITY..... 97. AS CAC03
 TOTAL DISSOLVED SOLIDS... 253.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		C03.....	26.	LI...	0.11	
AL....		CR.....		MG... N		
AS....	0.006					
AU....		CU.....		MO...	SI02.	67.
B.....	0.1	F.....	15.	NA...	73.	
BA....		FE+3....		NA+K.	S04..	24.
CA....	3.9	HCO3....	71.			
CA+MG.		HG..... N				
CD....		H2S.....		P04..	0.01	
CL....	7.3					
CO....		K.....	1.3			

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00021

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000485

NAME OF SAMPLE SOURCE... BONNEVILLE HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BOISE
 GEOLOGIC PROVINCE..
TOWNSHIP-RANGE
COORDINATES
 LAT/LONG... 44-09.46 N 115-18.38 W
 UTM ZONE... +11
 NORTHING... 4890563.
 EASTING.... 635433.

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 85.0

WATER ANALYSIS
 DATE/ANALYST..... 1972/00/00
 PH..... 8.1

ANALYSIS

AU....	CU.....	MO...	SI02.	100.
B.....	F.....	NA... 67.	S04..	52.
BA....	FE+3....	NA+K.		
CA.... 2.2	HCO3.... 21.			
CL.... 7.2				
CO....	K..... 2.9			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION
 COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00022

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... GRIMES PASS AREA
 GEOTHERM FILE ID: 0000481

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BOISE
 GEOLOGIC PROVINCE..
TOWNSHIP-RANGE
COORDINATES
 LAT/LONG... 44-02.77 N 115-51.12 W
 UTM ZONE... +11
 NORTHING... 4877425.
 EASTING.... 591971.

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 55.0

WATER ANALYSIS
 DATE/ANALYST..... 1972/00/00
 PH..... 8.6

ANALYSIS

AU....	CU.....	MO...	SI02.	59.
B.....	F.....	NA... 68.	S04..	38.
BA....	FE+3....	NA+K.		
CA.... 1.9	HCO3.... 40.			
CL.... 5.6				
CO....	K..... 1.1			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION
 COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00023

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... KIRKHAM HOT SPRINGS
 GEOTHERM FILE ID: 0000483

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES LAT/LONG... 44-04.32 N 115-32.63 W
 STATE..... IDAHO UTM ZONE... +11
 COUNTY..... BOISE NORTHING... 4880684.
 GEOLOGIC PROVINCE.. EASTING.... 616609.
SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 65.0
WATER ANALYSIS
 DATE/ANALYST..... 1972/00/00
 PH..... 7.8
ANALYSIS ISOTOPES (0/00)
 AU..... CU..... MO... SI02. 69.
 B..... F..... NA... 66.
 BA..... FE+3..... NA+K. S04.. 45.
 CA..... 1.9 HCO3..... 46.
 CL..... 3.0
 CO..... K..... 1.3
REFERENCE AND IDENTIFICATION
 COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00024

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000479

NAME OF SAMPLE SOURCE... PAYETTE RIVER AREA
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES LAT/LONG... 44-05.14 N 116-02.99 W
 STATE..... IDAHO UTM ZONE... +11
 COUNTY..... BOISE NORTHING... 4881610.
 GEOLOGIC PROVINCE.. EASTING.... 576071.
SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 80.0
WATER ANALYSIS
 DATE/ANALYST..... 1972/00/00
 PH..... 8.1
ANALYSIS ISOTOPES (0/00)
 AU..... CU..... MO... SI02. 120.
 B..... F..... NA... 130.
 BA..... FE+3..... NA+K. S04.. 79.
 CA..... 4.5 HCO3..... 160.
 CL..... 34.
 CO..... K..... 4.8
REFERENCE AND IDENTIFICATION
 COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00025

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0015279

NAME OF SAMPLE SOURCE... ALPINE WARM SPRINGS

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BONNEVILLE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ALPINE 1:24000

TOWNSHIP-RANGE
 02S 46E 19 NE OF SW

COORDINATES
 LAT/LONG... 43-13.34 N 111-06.27 W
 UTM ZONE... +12
 NORTHING... 4785295.
 EASTING.... 491513.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/09/27 MITCHELL, JOHN
 SAMPLE NUMBER..... 2S 46E 19CAD1S
 TEMPERATURE (C)..... 37.2
 DISCHARGE..... 38. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 6.5 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 10500.
 ALKALINITY..... 997. AS CAC03
 TOTAL DISSOLVED SOLIDS... 6620.

ANALYSIS

AG....		C03..... N	LI....	2.3		
AL....		CR.....	MG....	100.		
AS....	0.014					
AU....		CU.....	MO....		SI02.	40.
B....	5.2	F.....	NA....	1500.		
BA....		FE+3....	NA+K.		S04..	1000.
CA....	560.	HCO3....				
CA+MG.		HG..... N				
CD....		H2S.....	P04..	0.53		
CL....	2800.					
CO....		K.....				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00026

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WELL NEAR BROCKIE AIRPORT

GEO THERM FILE ID: 0000511

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... BUTTE
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

COORDINATES
 LAT/LONG... 43-32.43 N 118-30.12 W
 UTM ZONE... +11
 NORTHING... 4821719.
 EASTING.... 378649.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.0
 WELL DEPTH (M)..... 110.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 6.3

ANALYSIS

AU....		CU.....	MO....		SI02.	55.
B....		F.....	NA....	72.		
BA....		FE+3....	NA+K.		S04..	170.
CA....	74.	HCO3....				
CL....	21.					
CO....		K.....				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00027

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000517

NAME OF SAMPLE SOURCE... BARRONS HOT SPRINGS
LOCATION
COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CAMAS
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 43-18.13 N 114-54.40 W
UTM ZONE... +11
NORTHING... 4796283.
EASTING.... 669793.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.0

WATER ANALYSIS

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

PH..... 7.3

ANALYSIS

ISOTOPES (0/00)

AU..... CU..... MO... SI02. 77.
B..... F..... NA... 99.
BA..... FE+3..... NA+K. S04.. 13.
CA.... 3.6 HCO3.... 226.
CL.... 15.
CO.... K..... 2.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00028

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0015268

NAME OF SAMPLE SOURCE... BAUMGARTNER HOT SPRING
WELL/SPRING NUMBER..... 3N 12E 7DCC1S
LOCATION
COUNTRY..... UNITED STATES 03N 12E 07 SW OF SE
STATE..... IDAHO
COUNTY..... CAMAS
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 43-36.09 N 115-04.14 W
UTM ZONE... +11
NORTHING... 4829210.
EASTING.... 655855.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/14 MITCHELL, JOHN

SAMPLE NUMBER..... 3N 12E 7DCC1S

TEMPERATURE (C)..... 44.0

WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 8.5 AT(C) 25.

SPECIFIC CONDUCTANCE..... 270.

ALKALINITY..... 86. AS CAC03

TOTAL DISSOLVED SOLIDS... 197.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	11.	LI...	0.1		
AL.....		CR.....		MG...	N		
AS.....	0.002						
AU.....		CU.....		MO...		SI02.	47.
B.....	0.07	F.....	6.5	NA...	54.		
BA.....		FE+3....		NA+K.		S04..	22.
CA.....	2.5	HCO3.....	80.				
CA+MG.		HG.....	N				
CD.....		H2S.....		P04..	0.01		
CL.....	15.						
CO.....		K.....	0.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00029

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000513

NAME OF SAMPLE SOURCE... ELK CREEK HOT SPRINGS

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 43-25.38 N 115-37.64 W
 UTM ZONE... +11
 NORTHING... 4808489.
 EASTING... 611117.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 53.5

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 8.2

ANALYSIS

AU.....		CU.....		MO...		SI02.	63.
B.....		F.....		NA...	87.		
BA.....		FE+3....		NA+K.		S04..	48.
CA.....	2.3	HCO3.....	82.				
CL.....	25.						
CO.....		K.....	1.4				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00030

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015269

NAME OF SAMPLE SOURCE... LIGHTFOOT HOT SPRINGS
 WELL/SPRING NUMBER..... 3N 13E 7DCA1S

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 03N 13E 07 SW OF SE
 STATE..... IDAHO
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... BOARDMAN CREEK 1:24000

COORDINATES

LAT/LONG... 43-36.22 N 114-57.00 W
 UTM ZONE... +11
 NORTHING... 4829681.
 EASTING... 665454.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/14 MITCHELL, JOHN

SAMPLE NUMBER..... 3N 13E 7DCA1S
 TEMPERATURE (C)..... 56.6
 DISCHARGE..... 17. L/MIN

WATER ANALYSIS

PH..... 8.8 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 460.
 ALKALINITY..... 106. AS CAC03
 TOTAL DISSOLVED SOLIDS... 283.

ANALYSIS IN MG/L

AG....		CO3.....	16.	LI...	0.2		
AL....		CR.....		MG...	N		
AS....	0.004						
AU....		CU.....		MO...		SI02.	72.
B.....	0.110	F.....	13.	NA...	82.	S04..	26.
BA....		FE+3...		NA+K.			
CA....	1.7	HCO3.....	110.				
CA+MG.		HG.....	N				
CD....		H2S.....		P04..	0.01		
CL....	16.						
CO....		K.....	2.0				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00031

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000515

NAME OF SAMPLE SOURCE... PUNKIN CORNER AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE..

LAT/LONG... 43-18.13 N 114-54.40 W
 UTM ZONE... +11
 NORTHING... 4796283.
 EASTING.... 669793.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 35.0
 WELL DEPTH (M)..... 58.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 7.4

ANALYSIS

AU....		CU.....		MO...		SI02.	76.
B.....		F.....		NA...	92.	S04..	6.4
BA....		FE+3...		NA+K.			
CA....	3.2	HCO3.....	216.				
CL....	12.						
CO....		K.....	1.3				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00032

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000443

NAME OF SAMPLE SOURCE... WARDROP HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 43-23.00 N 114-55.90 W
 UTM ZONE... +11
 NORTHING... 4805247.
 EASTING.... 667542.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 66.0

WATER ANALYSIS

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

PH..... 8.0

ANALYSIS

AU....	CU.....	MO...	SI02.	73.
B.....	F.....	NA... 54.	S04..	12.
BA....	FE+3....	NA+K.		
CA.... 1.4	HCO3.... 51.			
CO....	K..... 3.0			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00033

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000503

NAME OF SAMPLE SOURCE... WORSWICK HOT SPRINGS (WASEWICK HOT SPRINGS)
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CAMAS
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 43-33.48 N 114-47.17 W
 UTM ZONE... +11
 NORTHING... 4824948.
 EASTING.... 678812.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 81.0

WATER ANALYSIS

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

PH..... 7.3

ANALYSIS

AU....	CU.....	MO...	SI02.	96.
B.....	F.....	NA... 69.	S04..	35.
BA....	FE+3....	NA+K.		
CA.... 1.8	HCO3.... 51.			
CL.... 5.0				
CO....	K..... 1.9			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00034

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0015261

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 02W 08 SW OF NE
STATE..... IDAHO
COUNTY..... CANYON
GEOLOGIC PROVINCE..
MAP REFERENCE..... MELBA 1:24000

LAT/LONG... 43-29.26 N 116-36.06 W
UTM ZONE... +11
NORTHING... 4814833.
EASTING.... 532264.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/06 MITCHELL, JOHN
SAMPLE NUMBER..... 2N 2W 8ACCB1
POINT OF COLLECTION.. PUMP DISCHARGE PIPE
TEMPERATURE (C)..... 21.5
DISCHARGE..... 3028. L/MIN
WATER TREATMENT..... 7 BOTTLE SAMPLE 3 FA FU FD RU RC

WATER ANALYSIS

PH..... 7.5 AT(C) 25.
SPECIFIC CONDUCTANCE..... 610.
ALKALINITY..... 112. AS CAC03
TOTAL DISSOLVED SOLIDS... 409.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG..... CO3..... N LI... 0.04
AL..... CR..... MG... 8.8
AS..... 0.017
AU..... CU..... MO... SI02. 35.
B..... 0.07 F..... 0.2 NA... 46.
BA..... FE+3..... NA+K. S04.. 130.
CA..... 70. HCO3..... 110.
CA+MG. HG..... N
CD..... H2S..... P04.. 0.04
CL..... 55.
CO..... K..... 4.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00035

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0015262

WELL/SPRING NUMBER..... 1N 2W 36CAAC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 02W 36 NE OF SW
STATE..... IDAHO
COUNTY..... CANYON
GEOLOGIC PROVINCE..
MAP REFERENCE..... MELBA 1:24000

LAT/LONG... 43-22.41 N 116-31.30 W
UTM ZONE... +11
NORTHING... 4802188.
EASTING.... 538752.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/06 MITCHELL, JOHN
SAMPLE NUMBER..... 1N 2W 36CAAC1
POINT OF COLLECTION.. SPIGOT AT WELL
TEMPERATURE (C)..... 25.0
WATER TREATMENT..... 7BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 8.2 AT(C) 25.
SPECIFIC CONDUCTANCE..... 420.
ALKALINITY..... 166. AS CAC03
TOTAL DISSOLVED SOLIDS... 298.

ISOTOPES (0/00)

ANALYSIS IN MG/L

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

AL.....	CR.....	MG...	2.3		
AU.....	CU.....	MO...		SI02.	42.
B.....	F.....	NA...	1.4		
BA.....	FE+3....	NA+K.		S04..	34.
CA.....	HCO3.....		200.		
CD.....	H2S.....	P04..	0.04		
CL.....					
CO.....	K.....		3.8		

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00036

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0015263

WELL/SPRING NUMBER..... 4N 3W 28AABB1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 03W 28 NE OF NE
 STATE..... IDAHO
 COUNTY..... CANYON
 GEOLOGIC PROVINCE..

LAT/LONG... 43-39.32 N 116-41.46 W
 UTM ZONE... +11
 NORTHING... 4833423.
 EASTING.... 524917.

MAP REFERENCE..... CALDWELL 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/05 MITCHELL, JOHN
 SAMPLE NUMBER..... 4N 3W 28AABB1
 POINT OF COLLECTION.. WELL DISCHARGE PIPE
 TEMPERATURE (C)..... 27.5
 DISCHARGE..... 568. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 7.7 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 280.
 ALKALINITY..... 141. AS CAC03
 TOTAL DISSOLVED SOLIDS... 204.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3.....	N	LI...	0.02	
AL.....	CR.....		MG...	0.1	
AS.....	0.002				
AU.....	CU.....		MO...		SI02. 49.
B.....	F.....	1.5	NA...	53.	
BA.....	FE+3....		NA+K.		S04.. 2.6
CA.....	HCO3.....	160.			
CA+MG.	HG.....	N			
CD.....	H2S.....		P04..	0.04	
CL.....	5.4				
CO.....	K.....	2.0			

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00037

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0015264

WELL/SPRING NUMBER..... 4N 3W 35ABC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 03W 35 NW OF NE

LAT/LONG... 43-38.46 N 116-39.24 W

STATE..... IDAHO
COUNTY..... CANYON
GEOLOGIC PROVINCE..
MAP REFERENCE..... NOTUS 1:24000

UTM_ZONE... +11
NORTHING... 4831843.
EASTING.... 527908.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/05 GRAHM, B.
SAMPLE NUMBER..... 4N 3W ABC1
POINT OF COLLECTION.. WELL DISCHARGE PIPE
TEMPERATURE (C)..... 20.2
DISCHARGE..... 3028. L/MIN
WATER TREATMENT..... 7 BOTTLE SAMPLE 3 FA FU FD RU RC

WATER ANALYSIS

PH..... 7.6 AT(C) 25.
SPECIFIC CONDUCTANCE..... 250.
ALKALINITY..... 110. AS CAC03
TOTAL DISSOLVED SOLIDS... 178.

ANALYSIS IN MG/L

AG..... CO3..... N
AL..... CR..... MG... 1.8
AS..... 0.004
AU..... CU..... MO... SI02. 29.
B..... 0.05 F..... 0.8 NA... 37.
BA..... FE+3..... NA+K. S04.. 11.
CA..... 19. HCO3..... 140.
CA+MG. HG..... N
CD..... H2S..... P04.. 0.04
CL..... 6.9
CO..... K..... 1.6

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00038

GEO THERM SAMPLE FILE

WELL/SPRING NUMBER..... 7S 38E 34BDD1S

GEO THERM FILE ID: 0015281

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 38E 34 SW OF NW
STATE..... IDAHO
COUNTY..... CARIBOU
GEOLOGIC PROVINCE..
MAP REFERENCE..... BEARCAMP GULCH 1:24000

COORDINATES

LAT/LONG... 42-46.11 N 111-59.57 W
UTM_ZONE... +12
NORTHING... 4735371.
EASTING.... 418770.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/23 MITCHELL, JOHN
SAMPLE NUMBER..... 7S 38E 34BDD1S
TEMPERATURE (C)..... 34.0
DISCHARGE..... 189. L/MIN
WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD FU RC

WATER ANALYSIS

PH..... 6.2 AT(C) 25.
SPECIFIC CONDUCTANCE..... 2400.
ALKALINITY..... 8389. AS CAC03
TOTAL DISSOLVED SOLIDS... 1380.

ANALYSIS IN MG/L

AG..... CO3..... N LI... 0.28
AL..... CR..... MG... 64.

ISOTOPES (0/00)

AS.....	0.005						
AU.....		CU.....		MO...		SI02.	38.
B.....	0.31	F.....	0.8	NA...	81.	S04..	270.
BA.....		FE+3....		NA+K.			
CA.....	280.	HCO3....	1060.				
CA+MG.		HG.....	0.0001				
CD.....		H2S.....		P04..	0.06		
CL.....	62.						
CO.....		K.....	62.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00039

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015285

WELL/SPRING NUMBER..... 15S 21E 25CDC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 21E 25 SE OF SW
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... BLUE HILL 1:24000

LAT/LONG... 42-05.07 N 113-56.30 W
 UTM ZONE... +12
 NORTHING... 4663123.
 EASTING.... 256959.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/09/22 ANDERSON, K.
 SAMPLE NUMBER..... 15S 21E 25CDC1
 POINT OF COLLECTION.. ARTESIAN WELL HEAD
 TEMPERATURE (C)..... 46.2
 WATER TREATMENT..... 2FA FU FD RU RC 6 BOTTLE SAMPLE

WATER ANALYSIS

PH..... 8.7 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 475.
 ALKALINITY..... 190. AS CAC03
 TOTAL DISSOLVED SOLIDS... 307.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	11.	LI...	0.08		
AL.....		CR.....		MG...	0.1		
AS.....	0.008					SI02.	28.
AU.....		CU.....		MO...			
B.....	0.08	F.....	2.4	NA...	110.	S04..	21.
BA.....		FE+3....		NA+K.			
CA.....	2.	HCO3....	230.				
CA+MG.		HG.....	N				
CD.....		H2S.....		P04..	0.02		
CL.....	17.						
CO.....		K.....	1.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00040

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000543

NAME OF SAMPLE SOURCE... BRIDGER SPRING AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

LAT/LONG... 42-28.69 N 113-37.46 W

STATE..... IDAHO
COUNTY..... CASSIA
GEOLOGIC PROVINCE..

UTM_ZONE... +12
NORTHING... 4705992.
EASTING.... 284281.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.0
WELL DEPTH (M)..... 136.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 7.7

ANALYSIS

ISOTOPES (0/00)

AU....	CU.....	MO...	SI02.	60.
B.....	F.....	NA... 110.		
BA....	FE+3....	NA+K.	S04..	59.
CA.... 8.2	HCO3.... 125.			
CL.... 55.				
CO....	K..... 3.9			

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
YOUNG AND MITCHELL, 1973

RECORD 00041

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000545

NAME OF SAMPLE SOURCE... OAKLEY WARM SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CASSIA
GEOLOGIC PROVINCE..

LAT/LONG... 42-10.42 N 113-51.65 W
UTM_ZONE... +12
NORTHING... 4672807.
EASTING.... 263702.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 9.6

ANALYSIS

ISOTOPES (0/00)

AU....	CU.....	MO...	SI02.	70.
B.....	F.....	NA... 87.		
BA....	FE+3....	NA+K.	S04..	22.
CA.... 2.7	HCO3.... 43.			
CL.... 53.				
CO....	K..... 2.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
YOUNG AND MITCHELL, 1973

RECORD 00042

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000547

NAME OF SAMPLE SOURCE... RAFT RIVER

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 GEOLOGIC PROVINCE..

LAT/LONG... 42-06.10 N 113-22.80 W
 UTM ZONE... +12
 NORTHING... 4663592.
 EASTING.... 303197.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 96.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 7.7

ANALYSIS

AU....	CU.....	MO...	SI02.	97.
B.....	F.....	NA...	1110.	
BA....	FE+3....	NA+K.	S04..	61.
CA.... 130.	HC03.... 36.			
CL.... 900.				
CO....	K..... 35.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... OBERLINDACHER, PETER., RENNER, J., WILLIAMS, D.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00043

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0015272

WELL/SPRING NUMBER..... 10N 33E 35CCC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 10N 33E 35 SW OF SW
 STATE..... IDAHO
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LIDY HOT SPRINGS 1:24000

LAT/LONG... 44-08.43 N 112-33.01 W
 UTM ZONE... +12
 NORTHING... 4888430.
 EASTING.... 376006.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/22 MITCHELL, JOHN
 SAMPLE NUMBER..... 10N 33E 35CCC1
 POINT OF COLLECTION.. WELLHEAD
 TEMPERATURE (C)..... 59.0
 DISCHARGE..... 6814. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 7.6 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 490.
 ALKALINITY..... 139. AS CAC03
 TOTAL DISSOLVED SOLIDS... 342.

ANALYSIS IN MG/L

AG....	CO3..... N	LI...	0.04	
AL....	CR.....	MG...	14.	
AS.... 0.013				
AU....	CU.....	MO...	SI02.	37.
B..... 0.09	F..... 4.4	NA...	24.	
BA....	FE+3....	NA+K.	S04..	100.
CA.... 55.	HC03.... 180.			
CA+MG.	HG..... N			
CD....	H2S.....	P04..	0.03	
CL.... 7.1				

ISOTOPES (0/00)

CO.... K..... 12.
REFERENCE AND IDENTIFICATION
COMPILED BY..... LEE, LINDA
COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00044

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000491

NAME OF SAMPLE SOURCE... SLATE CREEK HOT SPRINGS
LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CUSTER
GEOLOGIC PROVINCE..

LAT/LONG... 44-10.13 N 114-37.45 W
UTM ZONE... +11
NORTHING... 4893154.
EASTING.... 689947.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 50.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 8.0

ISOTOPES (0/00)

ANALYSIS

AU.... CU..... MO... SI02. 86.
B..... F..... NA... 83.
BA.... FE+3.... NA+K. S04.. 110.
CA.... 8.1 HCO3.... 110.
CL.... 7.0
CO.... K..... 4.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
YOUNG AND MITCHELL, 1973

RECORD 00045

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000487

NAME OF SAMPLE SOURCE... STANLEY HOT SPRINGS
LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CUSTER
GEOLOGIC PROVINCE..

LAT/LONG... 44-13.45 N 114-55.62 W
UTM ZONE... +11
NORTHING... 4898644.
EASTING.... 665580.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 8.8

ISOTOPES (0/00)

ANALYSIS

AU.... CU..... MO... SI02. 55.
B..... F..... NA... 60.
BA.... FE+3.... NA+K. S04.. 31.
CA.... 2.2 HCO3.... 30.
CL.... 5.0
CO.... K..... 0.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00046

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000489

NAME OF SAMPLE SOURCE... SUNBEAM HOT SPRINGS
LOCATION
 TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CUSTER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 44-16.06 N 114-44.86 W
 UTM ZONE... +11
 NORTHING... 4903853.
 EASTING.... 679771.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 76.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 8.5

ANALYSIS

AU....	CU.....	MO...	SI02.	91.
B.....	F.....	NA... 85.	S04..	54.
BA....	FE+3....	NA+K.		
CA.... 1.5	HCO3.... 119.			
CL.... 12.				
CO....	K..... 2.4			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00047

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0015266

WELL/SPRING NUMBER..... 3N 10E 10ABA1
LOCATION
 TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 03N 10E 10 NW OF NE
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 43-36.58 N 115-14.55 N
 UTM ZONE... +11
 NORTHING... 4829806.
 EASTING.... 641832.

SAMPLE DESCRIPTION AND CONDITIONS

MAP REFERENCE..... GROUSE BUTTE 1:24000
 DATE/COLLECTOR..... 1977/10/14 MITCHELL, JOHN
 SAMPLE NUMBER..... 3N 10E 10ABA1
 POINT OF COLLECTION.. WELL HEAD
 TEMPERATURE (C)..... 40.5
 DISCHARGE..... 19. L/MIN
 WATER TREATMENT..... 8 BOTTLE SAMPLE 3FF FU FD RU 2RC

WATER ANALYSIS

PH..... 9.7 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 260.
 ALKALINITY..... 107. AS CAC03
 TOTAL DISSOLVED SOLIDS... 237.
ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	52.	LI...	0.05		
AL.....		CR.....		MG...	N		
AS.....	0.02						
AU.....		CU.....		MO...		SI02.	67.
B.....	0.02	F.....	2.4	NA...	55.	S04..	18.
BA.....		FE+3....		NA+K.			
CA.....	7.4	HCO3....	65.				
CA+MG.		HG.....	N				
CD.....		H2S.....		P04..	0.05		
CL.....	1.9						
CO.....		K.....	0.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00048

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000521

NAME OF SAMPLE SOURCE... BENNET CREEK AREA

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 43-06.89 N 115-27.94 W
 UTM ZONE... +11
 NORTHING... 4774494.
 EASTING.... 624832.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 68.0
 WELL DEPTH (M)..... 183.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 8.5

ANALYSIS

AU.....		CU.....		MO...		SI02.	86.
B.....		F.....		NA...	87.	S04..	14.
BA.....		FE+3....		NA+K.			
CA.....	1.5	HCO3....	74.				
CL.....	4.5						
CO.....		K.....	0.8				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00049

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000499

NAME OF SAMPLE SOURCE... DUTCH FRANKS SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 43-47.73 N 115-25.53 W
 UTM ZONE... +11
 NORTHING... 4850149.
 EASTING.... 626671.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 8.6

ANALYSIS

AU.....	CU.....	MO...	SI02.	72.	<u>ISOTOPES (0/00)</u>
B.....	F.....	NA... 57.	S04..	30.	
BA.....	FE+3....	NA+K.			
CA..... 2.2	HCO3.... 17.				
CL..... 2.4					
CO.....	K..... 1.2				

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00050

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000523

NAME OF SAMPLE SOURCE... LATTY HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... ELMORE
GEOLOGIC PROVINCE..

LAT/LONG... 43-06.97 N 115-18.33 W
UTM ZONE... +11
NORTHING... 4774893.
EASTING.... 637861.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 55.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 8.4

ANALYSIS

AU.....	CU.....	MO...	SI02.	100.	<u>ISOTOPES (0/00)</u>
B.....	F.....	NA... 54.	S04..	10.	
BA.....	FE+3....	NA+K.			
CA..... 0.4	HCO3.... 90.				
CL..... 3.0					
CO.....	K..... 1.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00051

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000497

NAME OF SAMPLE SOURCE... NEINMEYER HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... ELMORE
GEOLOGIC PROVINCE..

LAT/LONG... 43-45.49 N 115-34.66 W
UTM ZONE... +11
NORTHING... 4845781.
EASTING.... 614500.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 76.0

WATER ANALYSIS

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

ANALYSISISOTOPES (0/00)

AU.....	CU.....	MO...	SI02.	100.
B.....	F.....	NA... 67.		
BA.....	FE+3....	NA+K.	S04..	31.
CA..... 1.1	HCO3..... 5.0			
CL..... 3.0				
CO.....	K..... 1.8			

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726

YOUNG AND MITCHELL, 1973

RECORD 00052

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000501

NAME OF SAMPLE SOURCE... PARADISE HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES
STATE.....	IDAHO
COUNTY.....	ELMORE
GEOLOGIC PROVINCE..	

LAT/LONG...	43-33.24 N 115-16.29 W
UTM ZONE...	+11
NORTHING...	4823574.
EASTING....	639620.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 56.0

WATER ANALYSIS

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

PH..... 9.2

ANALYSISISOTOPES (0/00)

AU.....	CU.....	MO...	SI02.	69.
B.....	F.....	NA... 50.		
BA.....	FE+3....	NA+K.	S04..	17.
CA..... 1.5	HCO3..... 45.			
CL..... 2.6				
CO.....	K..... 1.0			

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726

YOUNG AND MITCHELL, 1973

RECORD 00053

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0015267

NAME OF SAMPLE SOURCE... PARADISE HOT SPRINGS

WELL/SPRING NUMBER..... 3N 10E 33ACD1S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	03N 10E	33 SW OF NE
STATE.....	IDAHO		
COUNTY.....	ELMORE		
GEOLOGIC PROVINCE..			

LAT/LONG...	43-33.10 N 115-16.03 W
UTM ZONE...	+11
NORTHING...	4823322.
EASTING....	639975.

MAP REFERENCE..... GROUSE BUTTE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/14 MITCHELL, JOHN

SAMPLE NUMBER..... 3N 10E 33ACD1S
 TEMPERATURE (C)..... 53.0
 DISCHARGE..... 946. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 9.2 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 23.
 ALKALINITY..... 90. AS CAC03
 TOTAL DISSOLVED SOLIDS... 153.

ANALYSIS

AG.....	CO3.....	34.	LI...	0.03		
AL.....	CR.....		MG...	N		
AS.....	0.002					
AU.....	CU.....		MO...		SI02.	6.9
B.....	F.....	3.3	NA...	48.		
BA.....	FE+3....		NA+K.		S04..	15.
CA.....	HCO3....	66.				
CA+MG.	HG.....	N				
CD.....	H2S.....		P04..	0.01		
CL.....	3.2					
CO.....	K.....	1.1				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00054

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RYEGRASS CREEK AREA

GEOHERM FILE ID: 0000525

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ELMORE
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 43-05.75 N 115-24.58 W
 UTM ZONE... +11
 NORTHING... 4772469.
 EASTING... 629429.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 62.0
 WELL DEPTH (M)..... 306.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 7.8

ANALYSIS

AU.....	CU.....		MO...		SI02.	85.
B.....	F.....		NA...	82.		
BA.....	FE+3....		NA+K.		S04..	14.
CA.....	HCO3....	81.				
CL.....	0.9					
CO.....	3.2					
CO.....	K.....	0.8				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00055

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000535

NAME OF SAMPLE SOURCE... WELL NEAR GRAVEL PITS
LOCATION TOWNSHIP-RANGECOORDINATESCOUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... ELMORE
GEOLOGIC PROVINCE..LAT/LONG... 42-54.27 N 115-29.47 W
UTM ZONE... +11
NORTHING... 4751099.
EASTING.... 623177.SAMPLE DESCRIPTION AND CONDITIONSTEMPERATURE (C)..... 34.0
WELL DEPTH (M)..... 402.WATER ANALYSISDATE/ANALYST..... 1972/00/00
PH..... 7.7ANALYSIS

AU....	CU.....	MO....	SI02.	58.
B.....	F.....	NA.... 320.	S04..	6.5
BA....	FE+3....	NA+K.		
CA.... 9.1	HCO3.... 797.			
CL.... 59.				
CO....	K..... 11.			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATIONCOMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00056

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000527

NAME OF SAMPLE SOURCE... WELL NEAR RADIO TOWERS
LOCATION TOWNSHIP-RANGECOORDINATESCOUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... ELMORE
GEOLOGIC PROVINCE..LAT/LONG... 43-02.24 N 115-27.45 W
UTM ZONE... +11
NORTHING... 4765900.
EASTING.... 625655.SAMPLE DESCRIPTION AND CONDITIONSTEMPERATURE (C)..... 38.0
WELL DEPTH (M)..... 579.
DISCHARGE..... 30. L/MINWATER ANALYSISDATE/ANALYST..... 1972/00/00
PH..... 7.8ANALYSIS

AU....	CU.....	MO....	SI02.	86.
B.....	F.....	NA.... 160.	S04..	5.4
BA....	FE+3....	NA+K.		
CA.... 3.2	HCO3.... 447.			
CL.... 10.				
CO....	K..... 3.7			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATIONCOMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
YOUNG AND MITCHELL, 1973

RECORD 00057

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0015286

WELL/SPRING NUMBER..... 15S 39E 7DBC1
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15S 39E 07 NW OF SE
STATE..... IDAHO
COUNTY..... FRANKLIN
GEOLOGIC PROVINCE..
MAP REFERENCE..... BANIDA 1:24000

COORDINATES
LAT/LONG... 42-07.46 N 111-56.33 W
UTM ZONE... +12
NORTHING... 4663794.
EASTING... 422397.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/24 MITCHELL, JOHN
SAMPLE NUMBER..... 15S 39E 7DBC1
POINT OF COLLECTION.. WELLHEAD
TEMPERATURE (C)..... 63.0
DISCHARGE..... 38. L/MIN
WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 6.2 AT(C) 25.
SPECIFIC CONDUCTANCE..... 28000.
ALKALINITY..... 778. AS CAC03
TOTAL DISSOLVED SOLIDS... 14100.

ISOTOPES (0/00)

ANALYSIS IN MG/L
AG..... CO3..... N LI... 6.7
AL..... CR..... MG... 36.
AS..... 0.007
AU..... CU..... MO... SI02. 68.
B..... 4.4 F..... 3.9 NA... 4600.
BA..... FE+3..... NA+K. S04.. 48.
CA..... 320. HCO3..... 930.
CA+MG. HG..... N
CD..... H2S..... P04.. 0.12
CL..... 7800.
CO..... K..... 770.

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00058

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000549

NAME OF SAMPLE SOURCE... MAPLE GROVE HOT SPRINGS
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... IDAHO
COUNTY..... FRANKLIN
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 42-18.23 N 111-42.24 W
UTM ZONE... +12
NORTHING... 4683537.
EASTING... 441973.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 76.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 7.3

ISOTOPES (0/00)

ANALYSIS

AU....	CU.....	MO...	SI02.	55.
B.....	F.....	NA... 490.	S04..	260.
BA....	FE+3....	NA+K.		
CA.... 89.	HCO3.... 491.			
CL.... 630.				
CO....	K..... 110.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00059

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000553

NAME OF SAMPLE SOURCE... WAYLAND HOT SPRINGS

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	LAT/LONG...	42-08.23 N 111-56.85 W
STATE.....	IDAHO	UTM ZONE...	+12
COUNTY.....	FRANKLIN	NORTHING...	4665227.
GEOLOGIC PROVINCE..		EASTING....	421697.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 7.0

ISOTOPES (0/00)

ANALYSIS

AU....	CU.....	MO...	SI02.	80.
B.....	F.....	NA... 3100.	S04..	50.
BA....	FE+3....	NA+K.		
CA.... 160.	HCO3.... 699.			
CL.... 5400.				
CO....	K..... 660.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00060

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000551

NAME OF SAMPLE SOURCE... WELL NEAR RIVERDALE

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	LAT/LONG...	42-09.86 N 111-50.38 W
STATE.....	IDAHO	UTM ZONE...	+12
COUNTY.....	FRANKLIN	NORTHING...	4668150.
GEOLOGIC PROVINCE..		EASTING....	430638.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 45.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 7.3

ANALYSIS

AU....		CU.....		MO....	SI02.	80.
B.....		F.....		NA....	360.	
BA.....		FE+3....		NA+K.	S04..	15.
CA.....	25.	HC03....	524.			
CL.....	320.					
CO.....		K.....	24.			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00061

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000557

NAME OF SAMPLE SOURCE... ASHTON WARM SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... FREMONT
 GEOLOGIC PROVINCE..

LAT/LONG... 44-05.70 N 111-27.54 W
 UTM ZONE... +12
 NORTHING... 4882310.
 EASTING... 463258.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.0

WATER ANALYSIS

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

PH..... 7.6

ANALYSIS

AU....		CU.....		MO....	SI02.	110.
B.....		F.....		NA....	36.	
BA.....		FE+3....		NA+K.	S04..	4.7
CA.....	1.1	HC03....	92.			
CL.....	2.9					
CO.....		K.....	1.6			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00062

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000555

NAME OF SAMPLE SOURCE... NEWDALE AREA

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... FREMONT
 GEOLOGIC PROVINCE..

LAT/LONG... 43-53.15 N 111-35.41 W
 UTM ZONE... +12
 NORTHING... 4859146.
 EASTING... 452592.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 36.0

WELL DEPTH (M)..... 107.

WATER ANALYSIS

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

PH..... 7.9
ANALYSIS
 AU..... CU..... MO... SI02. 75.
 B..... F..... NA... 78.
 BA..... FE+3..... NA+K. S04.. 33.
 CA..... 28. HCO3..... 240.
 CL..... 24.
 CO..... K..... 8.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00063

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000493

NAME OF SAMPLE SOURCE... ROYSTONE HOT SPRING AREA

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... GEM
 GEOLOGIC PROVINCE..

LAT/LONG... 43-57.20 N 116-18.00 W
 UTM ZONE... +11
 NORTHING... 4866712.
 EASTING.... 556168.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 55.0

WATER ANALYSIS

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

PH..... 7.5

ANALYSIS
 AU..... CU..... MO... SI02. 120.
 B..... F..... NA... 160.
 BA..... FE+3..... NA+K. S04.. 110.
 CA..... 8.7 HCO3..... 187.
 CL..... 62.
 CO..... K..... 7.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00064

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000533

NAME OF SAMPLE SOURCE... CLOVER CREEK AREA

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... GOODING
 GEOLOGIC PROVINCE..

LAT/LONG... 43-01.36 N 115-00.55 W
 UTM ZONE... +11
 NORTHING... 4765040.
 EASTING.... 662217.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 43.0

WELL DEPTH (M)..... 211.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 8.6

ANALYSIS

AU.....	CU.....	MO...	SI02.	62.
B.....	F.....	NA... 90.	S04..	19.
BA.....	FE+3....	NA+K.		
CA..... 1.6	HCO3..... 83.			
CL..... 8.4				
CO.....	K..... 0.8			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00065

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000531

NAME OF SAMPLE SOURCE... WELL NEAR CHALK MINE

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	LAT/LONG... 43-02.93 N 114-55.00 W
STATE..... IDAHO	UTM ZONE... +11
COUNTY..... GOODING	NORTHING... 4768129.
GEOLOGIC PROVINCE..	EASTING.... 669682.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 7.0

ANALYSIS

AU.....	CU.....	MO...	SI02.	92.
B.....	F.....	NA... 100.	S04..	19.
BA.....	FE+3....	NA+K.		
CA..... 9.8	HCO3..... 278.			
CL..... 8.2				
CO.....	K..... 5.9			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00066

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000529

NAME OF SAMPLE SOURCE... WHITE ARROW HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	LAT/LONG... 43-02.93 N 114-57.24 W
STATE..... IDAHO	UTM ZONE... +11
COUNTY..... GOODING	NORTHING... 4768054.
GEOLOGIC PROVINCE..	EASTING.... 666641.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 7.5

ANALYSIS

ISOTOPES (0/00)

AU..... CU..... MO... SI02. 97.
B..... F..... NA... 91.
BA..... FE+3... NA+K. S04.. 15.
CA..... 1.2 HCO3.... 141.
CL..... 66.
CO..... K..... 1.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00067

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0015276

WELL/SPRING NUMBER..... 21N 1E 23ABD1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 21N 01E 23 NW OF NE
STATE..... IDAHO
COUNTY..... IDAHO
GEOLOGIC PROVINCE..
MAP REFERENCE..... INDIAN MOUNTAIN 1:24000

LAT/LONG... 45-09.06 N 116-18.14 W
UTM ZONE... +11
NORTHING... 4999744.
EASTING.... 554844.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/19 MITCHELL, JOHN
SAMPLE NUMBER..... 21N 1E 23ABD1S
TEMPERATURE (C)..... 30.0
DISCHARGE..... 38. L/MIN
WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 8.4 AT(C) 25.
SPECIFIC CONDUCTANCE..... 680.
ALKALINITY..... 89. AS CAC03
TOTAL DISSOLVED SOLIDS... 494.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG..... CO3..... 1.0 LI... 0.04
AL..... CR..... MG... 1.7
AS..... 0.001
AU..... CU..... MO... SI02. 55.
B..... 0.88 F..... 24. NA... 130.
BA..... FE+3... NA+K. S04.. 230.
CA..... 10. HCO3.... 81.
CA+MG. HG..... N
CD..... H2S..... P04.. 0.02
CL..... 1.8
CO..... K..... 3.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00068

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000451

NAME OF SAMPLE SOURCE... BURGDORF HOT SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... IDAHO
 COUNTY..... IDAHO
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 45-16.74 N 115-55.19 W
 UTM ZONE... +11
 NORTHING... 5014295.
 EASTING.... 584722.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 45.0

WATER ANALYSIS

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

ANALYSIS

AU....	CU.....	MO...	SI02.	73.
B.....	F.....	NA... 49.	S04..	18.
BA....	FE+3....	NA+K.		
CA.... 2.3	HCO3.... 19.			
CL.... 3.0				
CO....	K..... 0.8			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00069

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0015278

NAME OF SAMPLE SOURCE... COLGATE WARM SPRINGS
 WELL/SPRING NUMBER..... 36N 12E 15A 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... IDAHO 36N 12E 15 NE
 COUNTY..... IDAHO
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 46-27.55 N 114-55.47 W
 UTM ZONE... +11
 NORTHING... 5146941.
 EASTING.... 659379.

MAP REFERENCE..... BEAR MOUNTAIN 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/12 MITCHELL, JOHN
 SAMPLE NUMBER..... 36N 12E 15A
 TEMPERATURE (C)..... 45.0
 DISCHARGE..... 38. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 8.8 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 310.
 ALKALINITY..... 69. AS CAC03
 TOTAL DISSOLVED SOLIDS... 265.

ANALYSIS IN MG/L

AG....	CO3..... 27.	LI... 0.110
AL....	CR.....	MG... N
AS.... 0.004		
AU....	CU.....	MO... SI02. 77.
B..... 0.06	F..... 6.1	NA... 73.
BA....	FE+3....	NA+K. S04.. 48.
CA.... 2.7	HCO3.... 55.	
CA+MG.	HG..... N	
CD....	H2S.....	P04.. 0.02

ISOTOPES (0/00)

CL.... 2.4
 CO.... K..... 1.2
REFERENCE AND IDENTIFICATION
 COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00070

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000447

NAME OF SAMPLE SOURCE... RED RIVER HOT SPRINGS
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... IDAHO
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 45-47.25 N 115-08.82 W
 UTM ZONE... +11
 NORTHING... 5071890.
 EASTING.... 644034.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 55.0

WATER ANALYSIS

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

PH..... 8.6

ANALYSIS

AU....	CU.....	MO...	SI02.	76.
B.....	F.....	NA... 81.	S04..	44.
BA....	FE+3....	NA+K.		
CA.... 2.7	HCO3.... 36.			
CL.... 4.4				
CO....	K..... 1.6			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00071

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000449

NAME OF SAMPLE SOURCE... RIGGINS HOT SPRING
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... IDAHO
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 45-24.70 N 116-28.49 W
 UTM ZONE... +11
 NORTHING... 5028600.
 EASTING.... 541095.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 42.0

WATER ANALYSIS

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

PH..... 8.6

ANALYSIS

AU....	CU.....	MO...	SI02.	72.
B.....	F.....	NA... 160.	S04..	300.
BA....	FE+3....	NA+K.		
CA.... 6.2	HCO3.... 11.			
CL.... 8.0				
CO....	K..... 3.4			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00072

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000433

NAME OF SAMPLE SOURCE... BIG CREEK HOT SPRINGS
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... LEMHI
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 45-18.76 N 114-19.24 W
 UTM ZONE... +11
 NORTHING... 5020960.
 EASTING.... 710026.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 93.0

WATER ANALYSIS

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

PH..... 7.5

ANALYSIS

ISOTOPES (0/00)

AU....	CU.....	MO....	SI02.	150.
B.....	F.....	NA....	220.	
BA....	FE+3....	NA+K.	S04..	53.
CA....	5.3	HCO3....	488.	
CL....	29.			
CO....		K.....	14.	

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00073

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000435

NAME OF SAMPLE SOURCE... SHARKEY HOT SPRINGS
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... LEMHI
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 45-00.94 N 113-51.10 W
 UTM ZONE... +12
 NORTHING... 4988430.
 EASTING.... 275300.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 52.0

WATER ANALYSIS

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

PH..... 7.4

ANALYSIS

ISOTOPES (0/00)

AU....	CU.....	MO....	SI02.	91.
B.....	F.....	NA....	270.	
BA....	FE+3....	NA+K.	S04..	160.
CA....	7.3	HCO3....	470.	
CL....	51.			
CO....		K.....	17.	

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND MITCHELL, 1973

RECORD 00074

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000537

NAME OF SAMPLE SOURCE... BRUNEAU-GRANDVIEW
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 42-56.00 N 115-56.00 W
 UTM ZONE... +11
 NORTHING... 4753749.
 EASTING.... 587039.

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 36.0

WATER ANALYSIS
 DATE/ANALYST..... 1972/00/00
 PH..... 8.9

ISOTOPES (0/00)

ANALYSIS
 AU..... CU..... MO... SI02. 100.
 B..... F..... NA... 25.
 BA..... FE+3..... NA+K. S04.. 29.
 CA.... 6.8 HCO3.... 108.
 CL.... 11.
 CO.... K..... 6.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... OBERLINDACHER, PETER., RENNER, J., WILLIAMS, D.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 YOUNG AND WHITEHEAD, 1974A

RECORD 00075

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000445

NAME OF SAMPLE SOURCE... MURPHY HOT SPRINGS
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 42-02.20 N 115-32.40 W
 UTM ZONE... +11
 NORTHING... 4654665.
 EASTING.... 620849.

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 51.0

WATER ANALYSIS
 DATE/ANALYST..... 1972/00/00
 PH..... 7.1

ISOTOPES (0/00)

ANALYSIS
 AU..... CU..... MO... SI02. 83.
 B..... F..... NA... 30.
 BA..... FE+3..... NA+K. S04.. 4.7
 CA.... 0.6 HCO3.... 67.
 CL.... 2.3
 CO.... K..... 2.0

REFERENCE AND IDENTIFICATION

SAMPLE NUMBER..... 135 16E 12ABB1
 POINT OF COLLECTION.. DISCHARGE POINT
 TEMPERATURE (C)..... 34.5
 DISCHARGE..... 946. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 7.2 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 450.
 ALKALINITY..... 204. AS CAC03
 TOTAL DISSOLVED SOLIDS... 268.

ANALYSIS IN MG/L

AG....		CO3..... N		LI... 0.07		
AL....		CR.....		MG... 10.		
AS.... N						
AU....		CU.....		MO... 22.	SI02..	
B..... 0.13		F..... 2.2		NA... 44.	S04..	15.
BA....		FE+3....		NA+K.		
CA.... 34.		HCO3.... 250.				
CA+MG.		HG..... N				
CD....		H2S.....		P04.. N		
CL.... 5.5						
CO....		K..... 12.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00078

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BANBURY AREA

GEOHERM FILE ID: 0000539

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 42-41.40 N 114-50.00 W
 UTM ZONE... +11
 NORTHING... 4728452.
 EASTING... 677495.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 59.0
 DISCHARGE..... 225. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 8.5

ANALYSIS

AU....		CU.....		MO... 97.	SI02..	
B.....		F.....		NA... 100.	S04..	26.
BA....		FE+3....		NA+K.		
CA.... 1.1		HCO3.... 88.				
CL.... 27.						
CO....		K..... 1.5				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00079

GEOTHERM FILE ID: 0000541

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CEDAR HILL AREA
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... TWIN FALLS
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 42-24.92 N 114-18.09 W
 UTM ZONE... +11
 NORTHING... 4699206.
 EASTING.... 722038.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 38.0
 WELL DEPTH (M)..... 236.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 7.6

ANALYSIS

AU.....	CU.....	MO....	SI02.	67.
B.....	F.....	NA....	16.	
BA.....	FE+3....	NA+K.	S04..	9.3
CA..... 18.	HCO3....			93.
CL..... 8.0				
CO.....	K.....			6.0

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00080

GEOTHERM FILE ID: 0015273

GEOTHERM SAMPLE FILE

WELL/SPRING NUMBER..... 18N 6E 9AB1S
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
 18N 06E 09 NW OF NE

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
 SAMPLE NUMBER..... 18N 6E 9AB1S
 TEMPERATURE (C)..... 60.0
 DISCHARGE..... 980. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 8.9 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 360.
 ALKALINITY..... 91. AS CAC03
 TOTAL DISSOLVED SOLIDS... 230.

ANALYSIS IN MG/L

AG.....	CO3.....	31.	LI...	0.03
AL.....	CR.....		MG...	N
AS..... 0.03				
AU.....	CU.....		MO...	SI02. 72.
B..... 0.07	F.....	9.9	NA....	63.

ISOTOPES (0/00)

BA.....	FE+3.....	NA+K.	S04..	12.
CA..... 2.3	HCO3..... 66.			
CA+MG.	HG..... N			
CD.....	H2S.....	P04..	0.01	
CL..... 6.2				
CO.....	K..... 1.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00081

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015274

WELL/SPRING NUMBER..... 12N 5E 22BBC1S

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	12N 05E 22 NW OF NW
STATE.....	IDAHO		
COUNTY.....	VALLEY		
GEOLOGIC PROVINCE..			

COORDINATES

LAT/LONG...	44-21.50 N 115-51.22 W
UTM ZONE...	+11
NORTHING...	4912096.
EASTING....	591354.

MAP REFERENCE..... BOILING SPRINGS 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/19 MITCHELL, JOHN
 SAMPLE NUMBER..... 21N 1E 23 ABDS
 TEMPERATURE (C)..... 85.0
 DISCHARGE..... 2271. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH.....	8.64	AT(C)	25.
SPECIFIC CONDUCTANCE.....	360.		
ALKALINITY.....	117.	AS CAC03	
TOTAL DISSOLVED SOLIDS...	274.		

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3..... 26.	LI...	0.08
AL.....	CR.....	MG... N	
AS..... 0.01			
AU.....	CU.....	MO...	SI02. 92.
B..... 0.09	F..... 12.	NA... 73.	
BA.....	FE+3.....	NA+K.	S04.. 9.7
CA..... 3.9	HCO3..... 100.		
CA+MG.	HG..... N		
CD.....	H2S.....	P04..	0.01
CL..... 6.2			
CO.....	K..... 1.8		

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00082

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015275

WELL/SPRING NUMBER..... 18N 6E 35C1S

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	18N 06E 35 SW
STATE.....	IDAHO		
COUNTY.....	VALLEY		
GEOLOGIC PROVINCE..			

COORDINATES

LAT/LONG...	45-52.00 N 115-45.00 W
UTM ZONE...	+11
NORTHING...	5079775.
EASTING....	597025.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/18 MITCHELL, JOHN
 SAMPLE NUMBER..... 18N 6E 35C1S
 TEMPERATURE (C)..... 46.0
 DISCHARGE..... 95. L/MIN
 WATER TREATMENT..... 7 BOTTLE SAMPLE 3FA FU FD RU RC

WATER ANALYSIS

PH..... 9.0 AT(C) 25.
 SPECIFIC CONDUCTANCE..... 280.
 ALKALINITY..... 92. AS CAC03
 TOTAL DISSOLVED SOLIDS... 226.

ANALYSIS IN MG/L

AG....		CO3.....	34.	LI...	0.02		
AL....		CR.....		MG... N			
AS....	0.007						
AU....		CU.....		MO...		SI02.	70.
B....	0.05	F.....	8.9	NA...	60.	S04..	9.9
BA....		FE+3....		NA+K.			
CA....	1.6	HCO3....	62.				
CA+MG.		HG..... N					
CD....		H2S.....		P04..	0.01		
CL....	9.8						
CO....		K.....	1.0				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... LEE, LINDA
 COMPILER AFFILIATION... IDAHO DEPT. WATER RESOURCES

RECORD 00083

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BOILING SPRINGS

GEO THERM FILE ID: 0000477

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 44-21.87 N 115-51.41 W
 UTM ZONE... +11
 NORTHING... 4912777.
 EASTING.... 591092.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 8.8

ANALYSIS

AU....		CU.....		MO...		SI02.	94.
B....		F.....		NA...	71.	S04..	12.
BA....		FE+3....		NA+K.			
CA....	1.9	HCO3....	81.				
CL....	12.						
CO....		K.....	1.7				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00084

GEOTHERM FILE ID: 0000475

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CABARTON HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 44-25.03 N 116-01.68 W
 UTM ZONE... +11
 NORTHING... 4918451.
 EASTING.... 577383.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.5

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 7.7

ANALYSIS

AU.....	CU.....	MO...	SI02.	78.
B.....	F.....	NA... 100.		
CA.... 1.7				
CO....	K..... 1.9			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00085

GEOTHERM FILE ID: 0000469

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOT CREEK SPRINGS
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 44-38.47 N 116-02.68 W
 UTM ZONE... +11
 NORTHING... 4943317.
 EASTING.... 575766.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 34.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
 PH..... 9.8

ANALYSIS

AU.....	CU.....	MO...	SI02.	60.
B.....	F.....	NA... 60.		
BA....	FE+3....	NA+K.	S04..	16.
CA.... 1.3	HCO3.... 17.			
CL.... 16.				
CO....	K..... 0.6			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 YOUNG AND MITCHELL, 1973

RECORD 00086

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000471

NAME OF SAMPLE SOURCE... MOLLYS HOT SPRINGS
LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE..

LAT/LONG... 44-38.26 N 115-41.57 W
 UTM ZONE... +11
 NORTHING... 4943315.
 EASTING.... 603675.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 59.0

WATER ANALYSIS

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

PH..... 7.7

ANALYSIS

AU....	CU.....	MO....	SI02.	87.
B.....	F.....	NA....	70.	
BA....	FE+3....	NA+K.	S04..	17.
CA....	2.0	HCO3....	48.	
CL....	10.			
CO....		K.....	1.5	

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726

YOUNG AND MITCHELL, 1973

RECORD 00087

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000473

NAME OF SAMPLE SOURCE... VULCAN HOT SPRINGS
LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 GEOLOGIC PROVINCE..

LAT/LONG... 44-34.05 N 115-41.53 W
 UTM ZONE... +11
 NORTHING... 4935522.
 EASTING.... 603853.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 87.0

WATER ANALYSIS

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

PH..... 8.5

ANALYSIS

AU....	CU.....	MO....	SI02.	120.
B.....	F.....	NA....	94.	
BA....	FE+3....	NA+K.	S04..	43.
CA....	1.8	HCO3....	120.	
CL....	17.			
CO....		K.....	3.0	

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726

YOUNG AND MITCHELL, 1973

RECORD 00088

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000441

NAME OF SAMPLE SOURCE... CAMBRIDGE AREA
LOCATION TOWNSHIP-RANGECOUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... WASHINGTON
GEOLOGIC PROVINCE..COORDINATESLAT/LONG... 44-34.39 N 116-40.66 W
UTM ZONE... +11
NORTHING... 4935370.
EASTING.... 525593.SAMPLE DESCRIPTION AND CONDITIONSTEMPERATURE (C)..... 26.0
WELL DEPTH (M)..... 282.WATER ANALYSISDATE/ANALYST..... 1972/00/00
PH..... 8.7ANALYSIS

AU.....	CU.....	MO....	SI02.	70.
B.....	F.....	NA.... 73.		
BA.....	FE+3....	NA+K.	S04..	15.
CA..... 2.6	HCO3.... 157.			
CL..... 1.0				
CO.....	K..... 6.8			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATIONCOMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00089

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000439

NAME OF SAMPLE SOURCE... CRANE CREEK
LOCATION TOWNSHIP-RANGECOUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... WASHINGTON
GEOLOGIC PROVINCE..COORDINATESLAT/LONG... 44-18.30 N 116-44.70 W
UTM ZONE... +11
NORTHING... 4905565.
EASTING.... 520340.SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77.0

WATER ANALYSIS

PH..... 7.1

ANALYSIS

AU.....	CU.....	MO....	SI02.	180.
B.....	F.....	NA.... 290.		
BA.....	FE+3....	NA+K.	S04..	250.
CA..... 26.	HCO3.... 190.			
CL..... 300.				
CO.....	K..... 19.			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATIONCOMPILED BY..... OBERLINDACHER, PETER., RENNER, J., WILLIAMS, D.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND WHITEHEAD, 1974B

RECORD 00090

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000463

NAME OF SAMPLE SOURCE... DEER CREEK AREA
LOCATION TOWNSHIP-RANGECOUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... WASHINGTON
GEOLOGIC PROVINCE..COORDINATESLAT/LONG... 44-32.36 N 116-45.00 W
UTM ZONE... +11
NORTHING... 4931592.
EASTING... 519862.SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 50.0

WATER ANALYSIS

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

PH..... 8.5

ANALYSIS

AU.....	CU.....	MO...	SI02.	55.
B.....	F.....	NA... 80.	S04..	110.
BA.....	FE+3....	NA+K.		
CA..... 8.0	HCO3.... 81.			
CL..... 15.				
CO.....	K..... 1.9			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726

YOUNG AND MITCHELL, 1973

RECORD 00091

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000461

NAME OF SAMPLE SOURCE... SPRINGS NEAR COVE SCHOOL
LOCATION TOWNSHIP-RANGECOUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... WASHINGTON
GEOLOGIC PROVINCE..COORDINATESLAT/LONG... 44-35.00 N 116-37.73 W
UTM ZONE... +11
NORTHING... 4936516.
EASTING... 529466.SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.0

WATER ANALYSIS

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

PH..... 7.8

ANALYSIS

AU.....	CU.....	MO...	SI02.	72.
B.....	F.....	NA... 200.	S04..	200.
BA.....	FE+3....	NA+K.		
CA..... 17.	HCO3.... 24.			
CL..... 140.				
CO.....	K..... 3.8			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726

YOUNG AND MITCHELL, 1973

RECORD 00094

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000467

NAME OF SAMPLE SOURCE... WELL NEAR MIDVALE AIRPORT
LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... WASHINGTON
GEOLOGIC PROVINCE..

LAT/LONG... 44-28.20 N 116-45.89 W
UTM ZONE... +11
NORTHING... 4923887.
EASTING... 518705.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.0

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00
PH..... 8.5

ANALYSIS

ISOTOPES (0/00)

AU....	CU.....	MO....	SI02.	73.
B.....	F.....	NA.... 86.		
BA....	FE+3....	NA+K.	S04..	14.
CA.... 3.5	HCO3.... 188.			
CL.... 3.2				
CO....	K..... 0.7			

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
726
YOUNG AND MITCHELL, 1973

RECORD 00095

RECORD 00001

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081125

NAME OF SAMPLE SOURCE... MAGIC WEST CO.
WELL/SPRING NUMBER..... 05S-10E-32-BDB 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 010E 32 NW OF SE NW
STATE..... IDAHO B&M: BOISE
GEOLOGIC PROVINCE... ELMORE
MAP REFERENCE..... GLENNS FERRY 1:62500

COORDINATES
LAT/LONG... 42-56.87 N 115-17.75 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/22 MITCHELL, JOHN AND YOUNG, BILL
TEMPERATURE (C)..... 38.
WELL DEPTH (M)..... 285.
DISCHARGE..... 204. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.9
SPECIFIC CONDUCTANCE..... 590.
ALKALINITY..... 235. AS CaCO3
TOTAL DISSOLVED SOLIDS... 364.

ANALYSIS IN MG/LISOTOPES (0/100)

AG....		CO3.....	8.0				
AL....		CR.....		MG...	0.2		
AU....		CU.....		MO...		SI02..	46.
B....		F.....	13.	NA...	130.		
BA....		FE+3....		NA+K..		S04..	2.5
CA....	2.5	HCO3....	270.	NO3..	0.06		
CD....		H2S.....		P04..	0.03		
CL....	29.						
CO....		K.....	0.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... RALSTON AND CHAPMAN, 1968

RECORD 00002

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081002

NAME OF SAMPLE SOURCE... AGRI-CON OF IDAHO WELL NO 4
WELL/SPRING NUMBER..... 01N-01E-36-AAD

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 001E 36 SE OF NE NE
STATE..... IDAHO B&M: BOISE
COUNTY..... ADA
MAP REFERENCE..... MORA 1:24000

COORDINATES
LAT/LONG... 43-22.91 N 116-16.28 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 121.
DISCHARGE..... 11355. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.8

SPECIFIC CONDUCTANCE..... 248.
 ALKALINITY..... N
 TOTAL DISSOLVED SOLIDS... 1915.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AL.....	CR.....	MG...	105.		
AU.....	CU.....	MO...		SI02.	46.
B.....	F.....	NA...	444.		
BA.....	FE+3.....	NA+K.		S04..	528.
CA.....					
CL.....					
CO.....	K.....		124.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00003

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081008

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

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	03N 002E 12 SE OF SE SW	LAT/LONG...	43-36.28 N 116- 9.76 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	ADA			
MAP REFERENCE.....	BOISE SOUTH 1:24000			

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

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 386.
 ALKALINITY..... 122. AS CAC03

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3.....	4.0			
AU.....	CU.....		MO...	SI02.	78.
B.....	F.....	24.	NA...	75.	
BA.....	FE+3.....		NA+K.	S04..	23.
CA.....	HCO3.....	141.	N03..	0.08	
CD.....	H2S.....		P04..	0.01	
CL.....					
CO.....	K.....	1.3			

REFERENCE AND IDENTIFICATION

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

RECORD 00004

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081015

NAME OF SAMPLE SOURCE... BEN STADLER WELL
 WELL/SPRING NUMBER..... 05N-01E-26-DCD

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 MAP REFERENCE..... EAGLE 1:24000

TOWNSHIP-RANGE
 05N 001E 26 SE OF SW SE
 B&M: BOISE

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/09 MITCHELL, JOHN
 TEMPERATURE (C)..... 29.
 WELL DEPTH (M)..... 210.
 DISCHARGE..... 3407. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.9 AT (C) 29.
 SPECIFIC CONDUCTANCE..... 2799.
 ALKALINITY..... 90. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 245.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	1.9		
AU....	CU.....	MO...		SI02.	32.
B....	F..... 3.5	NA...	32.		
BA....	FE+3....	NA+K.		S04..	47.
CA.... 22.	HC03.... 110.				
CL.... 4.8					
CO....	K..... 4.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL, 1978

RECORD 00005

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081010

NAME OF SAMPLE SOURCE... BOISE WATER CORP. WELL
 WELL/SPRING NUMBER..... 03N-02E-36-ABC

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 MAP REFERENCE..... BOISE SOUTH 1:24000

TOWNSHIP-RANGE
 03N 002E 36 SW OF NW NE
 B&M: BOISE

COORDINATES
 LAT/LONG... 43-33.48 N 116- 9.58 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/07/29 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 196.
 DISCHARGE..... 10976. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 204.
 ALKALINITY..... 79. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 134.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N		
AL....	CR.....	MG...	0.8

AU....	CU.....	MO...	S102..	23.
B.....	F.....	NA...	S04..	14.
BA....	FE+3....	NA+K..		
CA....	HC03....	N03..		0.28
CL....				
CO....	K.....			1.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... USGS WRK FILE

RECORD 00006

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081007

NAME OF SAMPLE SOURCE... BSU WELL #2
 WELL/SPRING NUMBER..... 03N-02E-11-ABC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	03N 002E 11 SW OF NW NE	LAT/LONG...	43-36.99 N 116-10.93 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	ADA			
MAP REFERENCE.....	BOISE SOUTH 1:24000			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/21 MITCHELL, JOHN
 TEMPERATURE (C)..... 76.
 WELL DEPTH (M)..... 391.
 DISCHARGE..... 606. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 420.
 ALKALINITY..... 130. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 177.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	19.	MG... N		
AL....	CR.....		MO...	S102..	80.
AU....	CU.....		NA...	S04..	21.
B.....	F.....	17.	NA+K..		
BA....	FE+3....		N03..		0.02
CA....	HC03....	120.	P04..		0.01
CD....	H2S.....				
CL....		3.1			
CO....	K.....	1.4			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL IDWR UNPUBLISHED 1978

RECORD 00007

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081003

NAME OF SAMPLE SOURCE... C. J. STEWART WELL
 WELL/SPRING NUMBER..... 01N-02E-06-ABA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	01N 002E 06 NE OF NW NE	LAT/LONG...	43-27.52 N 116-15.58 W
STATE.....	IDAHO	B&M: BOISE		

COUNTY..... ADA
 MAP REFERENCE..... MORA 1:24000
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1964/05/06 SWANSON
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 117.
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.3
 SPECIFIC CONDUCTANCE..... 299.
 TOTAL DISSOLVED SOLIDS... 169.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AL..... CR..... MG... 2.0
 AU..... CU..... MO... SI02. 29.
 B..... F..... 1.1 NA... 49.
 BA..... FE+3..... NA+K. S04.. 22.
 CA..... 14. HCO3.... 134.
 CL..... 16.
 CO..... K..... 2.1

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00008

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081018

NAME OF SAMPLE SOURCE... CLAYTOR FORSGREN
 WELL/SPRING NUMBER..... 01N-01W-07-BCC

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 001W 07 SW OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... MELBA 1:24000

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

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1975/08/25 MITCHELL, JOHN
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 124.
 DISCHARGE..... 469. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS
 DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 643.
 ALKALINITY..... 216. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 439.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... 18.
 AU..... CU..... MO... SI02. 43.
 B..... F..... 0.3 NA... 60.
 BA..... FE+3..... NA+K. S04.. 110.
 CA..... 45. HCO3.... 264.
 CL..... 27.
 CO..... K..... 6.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL IDWR UNPUBLISHED 1978

RECORD 00009

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081011

NAME OF SAMPLE SOURCE... DENNIS FLAKE WELL
 WELL/SPRING NUMBER..... 04N-01E-24-DCC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 001E 24 SW OF SW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... EAGLE 1:24000

LAT/LONG... 43-39.89 N 116-16.92 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... MITCHELL, JOHN
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 310.
 DISCHARGE..... 95. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.5 AT(C) 27.
 SPECIFIC CONDUCTANCE..... 310.
 ALKALINITY..... 164. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 236.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	2.1		
AU....	CU.....	MO...		SI02.	60.
B....	F..... 0.6	NA...	42.		
BA....	FE+3....	NA+K.		S04..	3.1
CA.... 22.	HCO3.... 200.				
CD....	H2S.....	P04..	0.12		
CL.... 2.6					
CO....	K..... 5.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... IDWR MITCHELL, 1978

RECORD 00010

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081013

NAME OF SAMPLE SOURCE... EDWARDS GREENHOUSE WELL
 WELL/SPRING NUMBER..... 04N-02E-29-ACD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 002E 29 SE OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... BOISE NORTH 1:24000

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/31 YOUNG, BILL AND MITCHELL, JOHN
 TEMPERATURE (C)..... 47.
 WELL DEPTH (M)..... 365.

DISCHARGE..... 1431. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.1
 SPECIFIC CONDUCTANCE..... 311.
 ALKALINITY..... 122. AS CAC03
 TOTAL DISSOLVED SOLIDS... 216.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3.....	2.0			
AL....		CR.....		MG...	0.3	
AU....		CU.....		MO...		SI02. 46.
B.....		F.....	10.	NA...	55.	
BA....		FE+3....		NA+K.		S04.. 21.
CA....	4.5	HCO3....	145.	NO3..	0.06	
CD....		H2S.....		P04..	0.02	
CL....	4.4					
CO....		K.....	2.4			

REFERENCE AND IDENTIFICATION

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

RECORD 00011

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081006

NAME OF SAMPLE SOURCE... FRED KOCH WELL
 WELL/SPRING NUMBER..... 03N-02E-02-CBD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03N 002E 02 SE OF NW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... BOISE SOUTH 1:24000

LAT/LONG... 43-37.46 N 116-11.35 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/10 MITCHELL, JOHN
 TEMPERATURE (C)..... 49.
 WELL DEPTH (M)..... 349.
 DISCHARGE..... 303. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.0
 SPECIFIC CONDUCTANCE..... 320.
 ALKALINITY..... 98. AS CAC03
 TOTAL DISSOLVED SOLIDS... 856.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3.....	15.			
AL....		CR.....		MG...	0.1	
AU....		CU.....		MO...		SI02. 39.
B.....		F.....	3.1	NA...	720.	
BA....		FE+3....		NA+K.		S04.. 25.
CA....	3.0	HCO3....	89.			
CD....		H2S.....		P04..	N	
CL....	7.3					
CO....		K.....	0.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00012

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081032

NAME OF SAMPLE SOURCE... HARRY CHARTERS WELL
 WELL/SPRING NUMBER..... 01S-01W-05 ABC

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 01S 001W 05 SW OF NW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... INITIAL POINT 1:24000

COORDINATES
 LAT/LONG... 43-22.13 N 116-28.91 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/13 ROSS
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 113.
 DISCHARGE..... G 6813. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 192.
 ALKALINITY..... 109. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 241.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AL.....	CR.....	MG...	6.9		
AU.....	CU.....	MO...		SI02.	43.
B.....	F.....	NA...	48.		
BA.....	FE+3....	NA+K.		S04..	41.
CA..... 16.	HC03....	N03..	14.		
CD.....	H2S.....	P04..	0.01		
CL..... 15.					
CO.....	K.....		4.7		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SITE INSPECTION DENMAN IDWR 1978 ROSS 1971

RECORD 00013

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081033

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

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 01S 001W 36 SW OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... INITIAL POINT 1:24000

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/04 ROSS
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 168.
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

PH..... 8.1

SPECIFIC CONDUCTANCE..... 216.
 ALKALINITY..... 93. AS CAC03
 TOTAL DISSOLVED SOLIDS... 257.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	5.7		
AU.....		CU.....		MO...		SI02.	32.
B.....		F.....	0.5	NA...	54.		
BA.....		FE+3.....		NA+K.		S04..	62.
CA.....	19.	HC03.....	114.	N03..	3.2		
CD.....		H2S.....		P04..	0.01		
CL.....	20.						
CO.....		K.....	4.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00014

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081017

NAME OF SAMPLE SOURCE... JERRY DAVIS WELL
 WELL/SPRING NUMBER..... 01N-01W-07-ACC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	01N 001W 07 SW OF SW NE	LAT/LONG...	43-26.24 N 116-30.15 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	ADA			
MAP REFERENCE.....	KUNA 1:24000			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 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 CAC03
 TOTAL DISSOLVED SOLIDS... 405.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	20.		
AU.....		CU.....		MO...		SI02.	45.
B.....		F.....	0.2	NA...	50.		
BA.....		FE+3.....		NA+K.		S04..	100.
CA.....	52.	HC03.....	171.	N03..	4.2		
CD.....		H2S.....		P04..	0.01		
CL.....	43.						
CO.....		K.....	6.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00015

GEOTHERM FILE ID: 0081016

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JULIUS JEKER WELL #1
 WELL/SPRING NUMBER..... 05N-01E-35-ACA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05N 001E 35 NE OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... EAGLE 1:24000

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/31 YOUNG, BILL AND MITCHELL, JOHN
 TEMPERATURE (C)..... 40.
 WELL DEPTH (M)..... 17.
 DISCHARGE..... 83. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 285.
 ALKALINITY..... 93. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 184.

ISOTOPES (0/00)

ANALYSIS
 AG..... CO3..... 1.0
 AL..... CR..... MG... N
 AU..... CU..... MO... SI02. 33.
 B..... F..... 11. NA... 49.
 BA..... FE+3..... NA+K. S04.. 23.
 CA..... 4.3 HC03..... 112. N03.. 0.05
 CD..... H2S..... P04.. 0.03
 CL..... 4.9
 CO..... K..... 3.2

REFERENCE AND IDENTIFICATION

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

RECORD 00016

GEOTHERM FILE ID: 0081128

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LETHA FISHER WELL
 WELL/SPRING NUMBER..... 05N-01W-16-CAB

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05N 001W 16 NW OF NE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... MONTOUR 1:62500

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/10/07 SWANS-N
 POINT OF COLLECTION.. WELLHEAD
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 192.
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... SWANSON (USGS)

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 360.
 ALKALINITY..... 194. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 275.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	N			
AL....	CR.....		MG...	9.1	
AU....	CU.....		MO...		SI02.. 62.
R.....	F.....	0.5	NA...	25.	
BA....	FE+3....		NA+K..		S04.. 16.
CA.... 34.	HCO3....	237.			
CL.... 4.2					
CO....	K.....	9.3			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SWANSON, 1977

RECORD 00017

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081000

NAME OF SAMPLE SOURCE... LILLIE COLLIAS WELL
 WELL/SPRING NUMBER..... 01N-01E-ADC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	01N 001E 01 SW OF SE NE	LAT/LONG...	43-27.26 N 116-16.69 W
STATE.....	IDAHO	R&M: BOISE		
COUNTY.....	ADA			
MAP REFERENCE.....	MORA 1:24000			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/12 ROSS
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 146.
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... ROSS
 PH..... 8.1
 SPECIFIC CONDUCTANCE..... 248.
 ALKALINITY..... 122. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 234.

ISOTOPES (0/00)

AL....	CR.....		MG...	5.8	
AU....	CU.....		MO...		SI02.. 31.
B.....	F.....	0.7	NA...	48.	
BA....	FE+3....		NA+K..		S04.. 33.
CA.... 22.	HCO3....	149.	NO3..	1.0	
CD....	H2S.....		P04..	0.02	
CL.... 17.					
CO....	K.....	2.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00018

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081001

NAME OF SAMPLE SOURCE... NICHOLSON WELL
 WELL/SPRING NUMBER..... 01N-01E-25-DBA
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 MAP REFERENCE..... MORA 1:24000

TOWNSHIP-RANGE
 01N 001E 25 NE OF NW SE
 R&M: BOISE

COORDINATES
 LAT/LONG... 43-23.61 N 116-16.82 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/02 ROSS
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 162.
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... ROSS
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 287.
 ALKALINITY..... 98. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 171.

ANALYSIS IN MG/L

AL.....	CR.....	MG...	2.6		
AU.....	CU.....	MO...		SI02.	38.
B.....	F.....	NA...	30.	S04..	15.
BA.....	FE+3....	NA+K.			
CA..... 17.	HCO3..... 119.	N03..	0.76		
CD.....	H2S.....	P04..	0.01		
CL..... 6.8					
CO.....	K.....		2.3		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00019

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081009

NAME OF SAMPLE SOURCE... OLD PENITENTIARY WELL
 WELL/SPRING NUMBER..... 03N-02E-13-ACB 1
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 MAP REFERENCE..... BOISE SOUTH 1:24000

TOWNSHIP-RANGE
 03N 002E 13 NW OF SW NE
 R&M: BOISE

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/11/06 MITCHELL, JOHN
 TEMPERATURE (C)..... 56.
 WELL DEPTH (M)..... 266.
 DISCHARGE..... 2650. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 4649.
 ALKALINITY..... 110. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 166.

ANALYSIS IN MG/L

AG..... CO3..... 20.

ISOTOPES (0/00)

AL.....	CR.....	MG...	1.2		
AU.....	CU.....	MO...		SI02.	1.6
B..... 0.07	F..... 18.	NA...	70.	S04..	35.
BA.....	FE+3.....	NA+K.			
CA..... 1.6	HCO3..... 94.	N03.. N			
CD.....	H2S.....	P04..	0.82		
CL..... 8.9					

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL IDWR UNPUBLISHED 1978

RECORD 00020

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081014

NAME OF SAMPLE SOURCE... SHADOW VALLEY WELL
 WELL/SPRING NUMBER..... 05N-01E-25-BCC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05N 001E 25 SW OF SW NW
 STATE..... IDAHO R&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... EAGLE 1:24000

LAT/LONG... 43-44.60 N 116-17.50 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/08 MITCHELL, JOHN
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 92.
 DISCHARGE..... 1703. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.6 AT(C) 28.
 SPECIFIC CONDUCTANCE..... 340.
 ALKALINITY..... 123. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 245.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3..... N				
AL.....	CR.....	MG...	4.3		
AU.....	CU.....	MO...		SI02.	38.
B.....	F..... 1.8	NA...	28.		
BA.....	FE+3.....	NA+K.		S04..	54.
CA..... 38.	HCO3..... 150.				
CD.....	H2S.....	P04.. N			
CL..... 4.1					
CO.....	K..... 3.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00021

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081019

NAME OF SAMPLE SOURCE... SHANE BUES WELL
 WELL/SPRING NUMBER..... 01N-01W-15-DAA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 001W 15 NE OF NE SE

LAT/LONG... 43-25.36 N 116-25.98 W

STATE..... IDAHO R&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... KUNA 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/12 ROSS
 TEMPERATURE (C)..... 23.
 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... 235.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	7.0		
AU....	CU.....	MO...		SI02.	47.
B.....	F..... 0.3	NA...	39.		
BA....	FE+3....	NA+K.		S04..	37.
CA.... 20.	HCO3.... 130.	NO3..	1.2		
CD....	H2S.....	P04..	0.01		
CL.... 15.					
CO....	K..... 4.9				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00022

 GEOTHERM FILE ID: 0081005

GEOTHERM SAMPLE FILE

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

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 02N 03E 28 SE OF NE SW
 STATE..... IDAHO R&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... INDIAN CREEK 1:24000

COORDINATES

LAT/LONG... 43-28.67 N 116- 6.37 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/10/06 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 297.
 DISCHARGE..... 227. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 219.
 ALKALINITY..... 98. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 165.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	5.5		
AU....	CU.....	MO...		SI02.	44.
B.....	F..... 0.3	NA...	19.		

ISOTOPES (0/00)

BA.....	FE+3.....	NA+K.	S04..	7.6
CA..... 23.	HC03..... 19.	NO3..	2.0	
CD.....	H2S.....	PO4..	0.05	
CL..... 4.6				
CO.....	K..... 1.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00023

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0081012

NAME OF SAMPLE SOURCE... TERRY TLUCEK WELL #1
 WELL/SPRING NUMBER..... 01N-01W-22-0DD1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 001W 22 SE OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... KUNA 1:24000

LAT/LONG... 43-24.11 N 116-26.03 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 107.
 PERTINENT LITHOLOGY..... PLIOCENE-PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 270.
 ALKALINITY..... 5400. AS CAC03
 TOTAL DISSOLVED SOLIDS... 5762.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AL.....	CR.....	MG...	56.	SI02.	37.
AU.....	CU.....	MO...			
B.....	F..... 0.23	NA...	591.	S04..	970.
BA.....	FE+3.....	NA+K.			
CA..... 429.	HC03..... 6589.				
CL..... 340.					
CO.....	K..... 99.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00024

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0016788

NAME OF SAMPLE SOURCE... UNKNOWN
 KGRA..... BOISE GEOTHERMAL FIELD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... ADA
 OTHER LOCALITY INFORMATION: NEAR OLD PENITENTIARY, BOISE.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 80.

WATER ANALYSIS

PH..... 9.00

TOTAL DISSOLVED SOLIDS... 290.

ANALYSIS IN PPM

AG.....	CO3.....	4.	LI...	0.05		
AL.... T	CR.....	T	MG...	0.05		
AS.... L 0.05	CS.....		MN...	0.01		
AU.....	CU.....	0.08	MO...		SI02.	160.
B..... 0.14	F.....	14.	NA...	90.		
BA.... L 0.2	FE+3....	0.13	NA+K.		S04..	23.
BE.....	FE(TOT).		NB...		SR... L	0.01
BR.....	GE.....		NI... T		TI... T	
CA.... 1.7	HCO3....	70.				
CA+MG.	HG..... L	0.02	PB... T			
CD.....	H2S..... T					
CL.... 10.	I.....		RB...		ZN... T	
CO.....	K.....	1.6				

ISOTOPES (0/00)

GAS ANALYSIS

ANALYSIS IN PPM

AR... 0.62		
CH4.. 0.065	H2S.. L	0.1
C2H6.	N2... 19.	
CO2.. 0.2	O2... 0.029	
H2... 0.0054		
HE... 0.0016		

ISOTOPES (00/0)

QUALIFICATION FIELD..... H2S, NI, TI, ZN = TRACE -- (0.1 PERCENT; AL, CR, PB, ZN = MINOR -- (5 PERCENT.) 0.1 PERCENT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... TESHIN, VICTOR N.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... SCHMITT, 1976; COSNER AND APPS, 1978

RECORD 00025

GEO THERM FILE ID: 0081004

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARREN TOZER WELL
 WELL/SPRING NUMBER..... 02N-03E-10-BCB

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 02N 03E 10 NW OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADA
 MAP REFERENCE..... LUCKY PEAK 1:24000

COORDINATES

LAT/LONG... 43-31.58 N 116- 5.54 W

SAMPLE DESCRIPTION AND CONDITIONS

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

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 144.

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

WATER ANALYSIS

DATE/ANALYST..... ROSS
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 193.
 ALKALINITY..... 63. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 131.

ANALYSIS IN MG/L

AG.....	CO3.....	N			
AL.....	CR.....		MG...	4.2	
AU.....	CU.....		MO...		SI02. 32.
B..... N	F.....	0.3	NA...	14.	
BA.....	FE+3....		NA+K.		S04.. 16.

ISOTOPES (0/00)

CA.... 17. HC03.... 77. N03.. 1.3
 CD.... H2S..... P04.. 0.01
 CL.... 7.3
 CO.... K..... 1.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00026

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081038

NAME OF SAMPLE SOURCE... BOULDER CREEK RESORT
 WELL/SPRING NUMBER..... 22N-01E-34-DAD 1S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 22N 001E 34 SE OF NE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE.. COLUMBIA RIVER PLATEAU
 MAP REFERENCE..... INDIAN MOUNTAIN 1:24000

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

SAMPLE DESCRIPTION AND CONDITIONS

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

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.4
 SPECIFIC CONDUCTANCE..... 240.
 ALKALINITY..... 94. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 213.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....	CO3.....	34.			
AU....	CU.....		MO...	S102.	43.
B..... N	F.....	1.0	NA...	50.	
BA....	FE+3....		NA+K.	S04..	40.
CA.... 17.	HC03....	46.	N03..	0.03	
CD....	H2S.....		P04..	0.02	
CL.... 5.0					
CO....	K.....	0.4			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SITE INSPECTION IDWR (GARCIA) 1978 MITCHELL 1978

RECORD 00027

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081036

NAME OF SAMPLE SOURCE... EVANS HOT SPRINGS
 WELL/SPRING NUMBER..... 20N-01E-26-DDA 1S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 20N 001E 26 NE OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE.. COLUMBIA RIVER PLATEAU
 MAP REFERENCE..... BALLY MOUNTAIN 1:24000

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/29 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 65.
 DISCHARGE..... L 757. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 940.
 ALKALINITY..... 54. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 587.

ANALYSIS IN MG/L

AG....		CO3.....	9.0				
AL....		CR.....		MG...	0.1		
AU....		CU.....		MO...		SI02..	64.
B.....		F.....	2.3	NA...	190.	S04..	330.
BA....		FE+3....		NA+K..			
CA....	12.	HC03....	47.	N03..	0.07		
CD....		H2S.....		P04..	0.08		
CL....	32.						
CO....		K.....	3.6				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00028

GEO THERM FILE ID: 0081035

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KRIGBAUM HOT SPRINGS
 WELL/SPRING NUMBER..... 19N-02E-22-CCA 1S

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 02W 22 NE OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE.. COLUMBIA RIVER PLATEAU
 MAP REFERENCE..... MEADOWS 1:24000

COORDINATES

LAT/LONG... 44-58.28 N 116-12.20 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/29 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 43.
 DISCHARGE..... L 189. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCKS NEAR MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 668.
 ALKALINITY..... 81. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 489.

ANALYSIS IN MG/L

AG....		CO3.....	9.0				
AL....		CR.....		MG...	0.2		
AU....		CU.....		MO...		SI02..	73.
B.....		F.....	2.8	NA...	140.	S04..	190.
BA....		FE+3....		NA+K..			
CA....	5.3	HC03....	81.	N03..	0.05		
CD....		H2S.....		P04..	0.03		

ISOTOPES (0/00)

CL.... 26.
 CO.... K..... 3.3
REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... NEWCOMB, 1970

RECORD 00029

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081039

NAME OF SAMPLE SOURCE... STARKEY HOT SPRINGS
 WELL/SPRING NUMBER..... 18N-01W-34-08B 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 001W 34 NW OF NW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE.. COLUMBIA RIVER PLATEAU
 MAP REFERENCE..... NEW MEADOWS 1:62500

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/27 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 56.
 DISCHARGE..... 492. L/MIN
 PERTINENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 502.
 ALKALINITY..... 59. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 348.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... CO3..... 6.0
 AL.... CR..... MG... N
 AU.... CU..... MO... SI02. 56.
 B.... F..... 0.99 NA... 86.
 BA.... FE+3..... NA+K. S04.. 150.
 CA.... 4.5 HC03..... 60. N03.. 0.05
 CD.... H2S..... P04.. 0.03
 CL.... 14.
 CO.... K..... 1.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... LIVINGSTON AND LANEY, 1920

RECORD 00030

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081037

NAME OF SAMPLE SOURCE... STINKY WARM SPRINGS
 WELL/SPRING NUMBER..... 21N-01E-23-ABA 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21N 001E 23 NE OF NW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE.. COLUMBIA RIVER PLATEAU
 MAP REFERENCE..... INDIAN MOUNTAIN 1:24000

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/19 MITCHELL, JOHN
 TEMPERATURE (C)..... 30.
 DISCHARGE..... 38. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.4
 SPECIFIC CONDUCTANCE..... 68.0
 ALKALINITY..... 68. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 497.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	1.0			
AL....	CR.....		MG...	1.7	
AU....	CU.....		MO...		SI02. 55.
B.....	F.....	1.8	NA...	130.	
BA....	FE+3....		NA+K..		S04.. 230.
CA....	HCO3....	81.	N03..	N	
CD....	H2S.....		P04..	0.02	
CO....	K.....	3.8			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00031

 GEOTHERM FILE ID: 0081034

GEOTHERM SAMPLE FILE

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

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16N 002E 33 SW OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ADAMS
 GEOLOGIC PROVINCE.. COLUMBIA RIVER PLATEAU
 MAP REFERENCE..... CASCADE 1:62500

LAT/LONG... 44-40.88 N 116-13.69 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/29 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 65.
 DISCHARGE..... L 114. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR MIOCENE BASALT AND CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 2030.
 ALKALINITY..... 58. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1440.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	N			
AL....	CR.....		MG...	0.3	
AU....	CU.....		MO...		SI02. 110.
B.....	F.....	8.8	NA...	420.	
BA....	FE+3....		NA+K..		S04.. 660.
BR....	GE.....	71.			
CA....	HCO3....		N03..	0.07	
CD....	H2S.....		P04..	0.05	
CL....		150.			

CO..... K..... 17.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WARING, 1965

RECORD 00032

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081044

NAME OF SAMPLE SOURCE... DOWNATA HOT SPRINGS
 WELL/SPRING NUMBER..... 12S-37E-12-CCD 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... IDAHO 12S 037E 12 SE OF SW SW LAT/LONG... 42-23.26 N 112- 5.11 W
 COUNTY..... BANNOCK B&M: BOISE
 MAP REFERENCE..... DOWNEY EAST 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/17 MITCHELL, JOHN
 TEMPERATURE (C)..... 43.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR TERTIARY SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.7
 SPECIFIC CONDUCTANCE..... 413.
 ALKALINITY..... 175. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 260.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... 15.
 AU..... CU..... MO... SI02. 29.
 B..... F..... 0.4 NA... 20.
 BA..... FE+3..... NA+K. S04.. 18.
 CA..... 43. HC03..... 214. N03.. 0.6
 CD..... H2S..... P04.. N
 CL..... 20.
 CO..... K..... 9.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... NORVITCH AND LARSON, 1970

RECORD 00033

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081042

NAME OF SAMPLE SOURCE... LAVA HOT SPRINGS
 WELL/SPRING NUMBER..... 09S-38E-21-DDA 1S
 WARING NUMBER..... 190
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... IDAHO 09S 038E 21 NE OF SE SE LAT/LONG... 42-37.23 N 112- 0.49 W
 COUNTY..... BANNOCK B&M: BOISE
 MAP REFERENCE..... LAVA HOT SPRINGS 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/15 MITCHELL, JOHN
 TEMPERATURE (C)..... 45.
 DEPOSITS OR ALTERATION... TRAVERTINE.

PERTINENT LITHOLOGY..... PALEOZOIC QUARTZITE.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 1579.
 ALKALINITY..... 444. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 960.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	32.		
AU....		CU.....	MO...		SI02.	32.
B.....		F..... 0.7	NA...	170.		
BA....		FE+3....	NA+K.		S04..	110.
CA....	120.	HCO3.... 542.	NO3..	0.38		
CD....		H2S.....	P04..	0.04		
CL....	190.					
CO....		K..... 39.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... STEARNS AND OTHERS, 1938

RECORD 00034

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081043

NAME OF SAMPLE SOURCE... LAVA HOT SPRINGS
 WELL/SPRING NUMBER..... 09S-38E-22-CCB 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 09S 038E 22 NW OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... BANNOCK
 MAP REFERENCE..... LAVA HOT SPRINGS 1:24000
 LAT/LONG... 42-37.19 N 112- 0.31 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/15 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 45.
 DEPOSITS OR ALTERATION... TRAVERTINE.
 PERTINENT LITHOLOGY..... PALEOZOIC QUARTZITE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 1579.
 ALKALINITY..... 444. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 960.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	32.		
AU....		CU.....	MO...		SI02.	32.
B.....		F..... 0.7	NA...	170.		
BA....		FE+3....	NA+K.		S04..	110.
CA....	120.	HCO3.... 542.	NO3..	0.38		
CL....	190.					
CO....		K..... 39.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... STEARNS AND OTHERS, 1938

RECORD 00035

GEO THERM FILE ID: 0081041

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROBERT BROWN WELL
 WELL/SPRING NUMBER..... 05S-34E-26-DBD

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 034E 26 SE OF NW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... BANNOCK
 MAP REFERENCE..... POCATELLO NORTH 1:24000

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/07/13 MITCHELL, JOHN
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 178.
 DISCHARGE..... 662.

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

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1219.
 ALKALINITY..... 384. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 718.

ANALYSIS IN MG/LISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	37.	
AU.....	CU.....		MO...		SI02. 41.
B.....	F.....	2.5	NA...	160.	
BA.....	FE+3.....		NA+K.		S04.. 100.
CA..... 45.	HC03.....	468.			
CL..... 100.					
CO.....	K.....	2.7			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TRIMBLE, 1976

RECORD 00036

GEO THERM FILE ID: 0081040

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROBERT BROWN WELL
 WELL/SPRING NUMBER..... 05S-34E-26-DAB1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 034E 26 NW OF NE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... BANNOCK
 MAP REFERENCE..... POCATELLO NORTH 1:24000

COORDINATES
 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..... 114. L/MIN
 PERTINENT LITHOLOGY..... UPPER PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.7

SPECIFIC CONDUCTANCE..... 1117.
 ALKALINITY..... 392. AS CAC03
 TOTAL DISSOLVED SOLIDS... 706.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	N				
AL.....		CR.....		MG...	25.		
AU.....		CU.....		MO...		SI02..	20.
B.....		F.....	3.2	NA...	150.		
BA.....		FE+3....		NA+K..		S04..	95.
CA.....	70.	HCO3....	478.	N03..	0.02		
CD.....		H2S.....		P04..	N		
CL.....	87.						
CO.....		K.....	21.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TRIMBLE, 1976

RECORD 00037

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081046

NAME OF SAMPLE SOURCE... BEAR LAKE HOT SPRINGS
 WELL/SPRING NUMBER..... 15S-44E-13-CCA 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 044E 13 NE OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... BEAR LAKE
 MAP REFERENCE..... BEAR LAKE NORTH 1:24000

LAT/LONG... 42- 6.89 N 111-15.84 W

SAMPLE DESCRIPTION AND CONDITIONS

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

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 2039.
 ALKALINITY..... 210. AS CAC03
 TOTAL DISSOLVED SOLIDS... 1553.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	N				
AL.....		CR.....		MG...	55.		
AU.....		CU.....		MO...		SI02..	35.
B.....	0.56	F.....	7.1	NA...	180.		
BA.....		FE+3....		NA+K..		S04..	800.
CA.....	210.	HCO3....	256.	N03..	0.56		
CD.....		H2S.....		P04..	0.01		
CL.....	79.						
CO.....		K.....	61.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... DION, 1969

RECORD 00038

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081045

NAME OF SAMPLE SOURCE... PESCADARO WARM SPRINGS
 WELL/SPRING NUMBER..... 12S-44E-07-BAA 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... BEARLAKE
 MAP REFERENCE..... GEORGE TOWN 1:24000

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

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/09/12 MITCHELL, JOHN
 TEMPERATURE (C)..... 26.
 DISCHARGE..... 38. L/MIN
 DEPOSITS OR ALTERATION... EXTENSIVE TRAVERTINE.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.4
 SPECIFIC CONDUCTANCE..... 1700.
 ALKALINITY..... 539. AS CAC03
 TOTAL DISSOLVED SOLIDS... 994.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... C03..... N
 AL..... CR..... MG... 65.
 AU..... CU..... MO... SI02. 31.
 B..... 0.01 F..... 1.8 NA... 63.
 BA..... FE+3..... NA+K. S04.. 225.
 CA..... 188. HCO3..... 658. NO3.. 0.14
 CD..... H2S..... P04.. N
 CL..... 83.
 CO..... K..... 14.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL IDWR UNPUBLISHED 1978

RECORD 00039

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081048

NAME OF SAMPLE SOURCE... ALKALI FLATS WARM SPRINGS
 WELL/SPRING NUMBER..... 04S-38E-28-DDD 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO R&M: BOISE
 COUNTY..... BINGHAM
 MAP REFERENCE..... YANDELL SPRINGS 1:62500

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

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/08/23 MITCHELL, JOHN
 TEMPERATURE (C)..... 34.
 DISCHARGE..... 38. L/MIN
 DEPOSITS OR ALTERATION... TUFA.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.2
 SPECIFIC CONDUCTANCE..... 2399.
 ALKALINITY..... 524. AS CAC03
 TOTAL DISSOLVED SOLIDS... 1040.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	68.		
AU.....		CU.....		MO...		SI02.	19.
B.....		F.....	0.9	NA...	34.		
BA.....		FE+3.....		NA+K.		S04..	340.
CA.....	210.	HC03.....	640.				
CD.....		H2S.....		P04..	0.03		
CL.....	79.						
CO.....		K.....	34.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00040

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081047

NAME OF SAMPLE SOURCE... YANDELL SPRINGS (WARM SPRINGS)
 WELL/SPRING NUMBER..... 03S-37E-31-DBB 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03S 037E 31 NW OF NW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... BINGHAM
 MAP REFERENCE..... YANDELL SPRINGS 1:62500

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

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/18 MITCHELL, JOHN
 TEMPERATURE (C)..... 32.
 DISCHARGE..... 5678. L/MIN
 PERTINENT LITHOLOGY..... PRE-TERTIARY LIMESTONE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.1
 SPECIFIC CONDUCTANCE..... 950.
 ALKALINITY..... 197. AS CAC03
 TOTAL DISSOLVED SOLIDS... 714.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	35.		
AU.....		CU.....		MO...		SI02.	22.
B.....		F.....	0.9	NA...	22.		
BA.....		FE+3.....		NA+K.		S04..	330.
CA.....	150.	HC03.....	240.				
CD.....		H2S.....		P04..	0.02		
CL.....	29.						
CO.....		K.....	7.2				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00041

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081030

NAME OF SAMPLE SOURCE... BARRONS HOT SPRINGS
 WELL/SPRING NUMBER..... 01S-13E-34-BCB 1S
 WARING NUMBER..... 139

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... IDAHO 01S 013E 34 NW OF SW NW LAT/LONG... 43-17.63 N 114-54.52 W
 COUNTY..... CAMAS B&M: BOISE
 MAP REFERENCE..... FAIRFIELD 1:62500

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/11/01 MITCHELL, JOHN
 TEMPERATURE (C)..... 73.
 DISCHARGE..... L 76. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS
 DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 335.
 ALKALINITY..... 186. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 349.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... 0.12
 AU..... CU..... MO... SI02. 84.
 B..... 0.06 F..... 13. NA... 108.
 BA..... FE+3..... NA+K. S04.. 13.
 CA..... 3.6 HCO3..... 227. NO3.. N
 CD..... H2S..... P04.. 0.01
 CL..... 13.
 CO..... K..... 3.1

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00042

 GEOTHERM FILE ID: 0081020

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... BAUMGARTNER HOT SPRINGS
 WELL/SPRING NUMBER..... 03N-12E-07-DCD 1S

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... IDAHO 03N 012E 07 SE OF SW SE LAT/LONG... 43-36.15 N 115- 4.22 W
 COUNTY..... CAMAS B&M: BOISE
 MAP REFERENCE..... JUMBO MTN. 1:24000

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/10/14 MITCHELL, JOHN
 TEMPERATURE (C)..... 44.
 DISCHARGE..... 76. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 270.
 ALKALINITY..... 84. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 195.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AU..... CU..... MO... SI02. 47.
 CA..... HCO3..... NO3.. 0.27
 CD..... H2S..... P04.. 0.01

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1978

RECORD 00043

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081021

NAME OF SAMPLE SOURCE... ELK CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 01N-15E-14-ADA 3S
 WARING NUMBER..... 138

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 01E 14 NE OF SE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CAMAS
 MAP REFERENCE..... BLAINE 1:62500

LAT/LONG... 43-25.37 N 114-37.64 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/10/30 MITCHELL, JOHN
 TEMPERATURE (C)..... 45.
 DISCHARGE..... 76. L/MIN

PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCKS NEAR CONTACT WITH OLIGOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 8.9
 SPECIFIC CONDUCTANCE..... 418.
 ALKALINITY..... 57. AS CAC03
 TOTAL DISSOLVED SOLIDS... 262.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	2.4				
AL.....		CR.....		MG...	N		
AU.....		CU.....		MO...		SI02.	78.
B.....	0.03	F.....	17.	NA...	92.	S04..	48.
BA.....		FE+3....		NO3..	0.86		
CA.....	2.2	HCO3....	96.	P04..	0.01		
CD.....		H2S.....					
CL.....	24.						
CO.....		K.....	1.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL IDWR 1976

RECORD 00044

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081026

NAME OF SAMPLE SOURCE... KEITH STROM WELL
 WELL/SPRING NUMBER..... 01S-12E-31-CBC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01S 01E 31 SW OF NW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CAMAS
 MAP REFERENCE..... HILL CITY 1:24000

LAT/LONG... 43-17.35 N 115- 5.10 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/20 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 31.
 WELL DEPTH (M)..... 122.

DISCHARGE..... 57. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 9.2
SPECIFIC CONDUCTANCE..... 150.
ALKALINITY..... 69. AS CaCO3
TOTAL DISSOLVED SOLIDS... 116.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG..... CO3..... 26. MG... N
AL..... CR..... MO... 36.
AU..... CU..... SI02. 36.
B..... F..... 0.8 NA... 32.
BA..... FE+3..... NA+K. S04.. 3.3
CA..... 0.6 HCO3..... 31. NO3.. 0.03
CD..... H2S..... PO4.. 0.04
CL..... 2.1
CO..... K..... 0.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... WALTON, 1962

RECORD 00045

GEOTHERM FILE ID: 0081027

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LEE BARRON WELL
WELL/SPRING NUMBER..... 01S-13E-27-CCB 1

LOCATION

COUNTRY..... UNITED STATES 01S 013E 27 NW OF SW SW
STATE..... IDAHO B&M: BOISE
COUNTY..... CAMAS
MAP REFERENCE..... FAIRFIELD 1:62500

COORDINATES

LAT/LONG... 43-18.10 N 114-54.55 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/11/01 MITCHELL, JOHN
TEMPERATURE (C)..... 35.
WELL DEPTH (M)..... 38.
DISCHARGE..... 303. L/MIN
PERTINENT 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... 290.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG..... CO3..... N
AL..... CR..... MG... 0.12
AU..... CU..... MO... SI02. 83.
B..... 0.43 F..... 11. NA... 94.
BA..... FE+3..... NA+K. S04.. 5.8
CA..... 3.0 HCO3..... 205. NO3.. 0.02
CD..... H2S..... PO4.. 0.02
CL..... 11.
CO..... K..... 1.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL IDWR 1976

RECORD 00046

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081029

NAME OF SAMPLE SOURCE... LEE BARRON WELL 3
 WELL/SPRING NUMBER..... 01S-13E-27-CCB 2

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01S 013E 27 NW OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CAMAS
 MAP REFERENCE..... FAIRFIELD 1:62500

LAT/LONG... 43-18.07 N 114-54.50 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/11/01 MITCHELL, JOHN
 TEMPERATURE (C)..... 45.
 WELL DEPTH (M)..... 120.
 DISCHARGE..... 189. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 411.
 ALKALINITY..... 168. AS CAC03
 TOTAL DISSOLVED SOLIDS... 310.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	0.12		
AU.....		CU.....		MO...		SI02.	64.
B.....	0.06	F.....	10.	NA...	99.	S04..	9.1
BA.....		FE+3.....		NO3..	0.02		
CA.....	2.2	HC03.....	215.	P04..	0.03		
CD.....		H2S.....					
CL.....	12.						
CO.....		K.....	2.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL, IDWR, 1976

RECORD 00047

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081031

NAME OF SAMPLE SOURCE... LEE BARRON WELL 4
 WELL/SPRING NUMBER..... 01S-13E-34-BCB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01S 013E 34 NW OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CAMAS
 MAP REFERENCE..... FAIRFIELD 1:62500

LAT/LONG... 43-17.53 N 114-54.56 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/11/01 MITCHELL, JOHN
 TEMPERATURE (C)..... 49.
 WELL DEPTH (M)..... 227.
 DISCHARGE..... 38. L/MIN

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 8.3
 SPECIFIC CONDUCTANCE..... 347.
 ALKALINITY..... 173. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 339.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	N				
AL.....		CR.....		MG...	0.12		
AU.....		CU.....		MO...		SI02..	84.
B.....	0.02	F.....	13.	NA...	106.	S04..	12.
BA.....		FE+3.....		NA+K.			
CA.....	3.4	HCO3.....	211.	N03..	0.19		
CD.....		H2S.....		P04..	N		
CL.....	14.						
CO.....		K.....	2.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00048

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081022

NAME OF SAMPLE SOURCE... LIGHTFOOT HOT SPRINGS
 WELL/SPRING NUMBER..... 03N-13E-07 DCA 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03N 013E 07 NE OF SW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CAMAS
 MAP REFERENCE..... BOARDMAN CREEK 1:24000

LAT/LONG... 43-36.32 N 114-57.77 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/14 MITCHELL, JOHN
 TEMPERATURE (C)..... 56.
 DISCHARGE..... 189. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.7
 SPECIFIC CONDUCTANCE..... 460.
 ALKALINITY..... 117. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 282.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	16.				
AU.....		CU.....		MO...		SI02..	72.
BA.....		FE+3.....		NA+K.		S04..	26.
CA.....	1.7	HCO3.....	110.	N03..	0.03		
CD.....		H2S.....		P04..	0.01		
CL.....	16.						
CO.....		K.....	2.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1978

RECORD 00049

GEO THERM FILE ID: 0081024

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SHEEP HOT SPRINGS
WELL/SPRING NUMBER..... 01S-12E-16-CAB 1S

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... IDAHO 01S 012E 16 NW OF NE SW
COUNTY..... CAMAS B&M: BOISE
MAP REFERENCE..... HILL CITY 1:24000

COORDINATES

LAT/LONG... 43-20.03 N 115- 2.34 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/10/31 MITCHELL, JOHN
TEMPERATURE (C)..... 49.
DISCHARGE..... N L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
PH..... 9.9
SPECIFIC CONDUCTANCE..... 208.
ALKALINITY..... 95. AS CaCO3
TOTAL DISSOLVED SOLIDS... 189.

ANALYSIS IN MG/LISOTOPES (0/00)

AG.....	CO3.....	57.			
AL.....	CR.....		MG... N		
AU.....	CU.....		MO... N	SI02..	68.
B..... N	F.....	2.0	NA... 49.	S04..	7.7
BA.....	FE+3.....		NA+K.		
CA..... 1.0	HCO3..... N		N03.. 0.04		
CD.....	H2S.....		P04.. N		
CL..... 4.2					
CO..... 1.0	K.....	0.78			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... ROSS, 1971

RECORD 00050

GEO THERM FILE ID: 0081028

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SUN VALLEY RANCHES WELL
WELL/SPRING NUMBER..... 01S-13E-22-CCC1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... IDAHO 01S 013E 22 SW OF SW SW
COUNTY..... CAMAS B&M: BOISE
MAP REFERENCE..... FAIRFIELD 1:62500

COORDINATES

LAT/LONG... 43-18.85 N 114-54.50 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/11/01 MITCHELL, JOHN
TEMPERATURE (C)..... 26.
WELL DEPTH (M)..... 140.
DISCHARGE..... 4542. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
PH..... 7.8

SPECIFIC CONDUCTANCE..... 460.
 ALKALINITY..... 158. AS CAC03
 TOTAL DISSOLVED SOLIDS... 199.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	N				
AL.....		CR.....		MG...	0.61		
AU.....		CU.....		MO...		SI02..	78.
B.....	1.3	F.....	9.8	NA...	86.	S04..	5.3
BA.....		FE+3....		NA+K..			
CA.....	3.0	HCO3....	193.	N03..	N		
CD.....		H2S.....		P04..	0.03		
CL.....	10.						
CO.....		K.....	2.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL IDWR, 1976C

RECORD 00051

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081127

NAME OF SAMPLE SOURCE... WARDROP HOT SPRING
 WELL/SPRING NUMBER..... 01N-13E-32-ABB 1S
 WARNING NUMBER..... 137

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	01N 013E 32 NW OF NW NE	LAT/LONG...	43-22.99 N 114-55.91 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	CAMAS			
MAP REFERENCE.....	FAIRFIELD 1:62500			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/20 YOUNG, BILL AND MITCHELL, JOHN
 TEMPERATURE (C)..... 66.
 DISCHARGE..... 719. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR PLEISTOCENE BASALT AND CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 252.
 ALKALINITY..... 103. AS CAC03
 TOTAL DISSOLVED SOLIDS... 214.

ISOTOPES (0/00)

AG.....		CO3.....	37.				
AL.....		CR.....		MG...	N		
AU.....		CU.....		MO...		SI02..	73.
B.....		F.....	4.1	NA...	54.	S04..	12.
BA.....		FE+3....		NA+K..			
CA.....	1.4	HCO3....	51.	N03..	0.07		
CD.....		H2S.....		P04..	0.03		
CL.....	5.1						
CO.....		K.....	3.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WALTON, 1962

RECORD 00052

GEO THERM FILE ID: 0081025

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WOLF HOT SPRINGS
WELL/SPRING NUMBER..... 01S-12E-16-CBA 1S

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 012E 16 NE OF NW SW
STATE..... IDAHO B&M: BOISE
COUNTY..... CAMAS
MAP REFERENCE..... HILL CITY 1:24000

COORDINATES
LAT/LONG... 43-20.03 N 115- 2.37 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/10/31 MITCHELL, JOHN
TEMPERATURE (C)..... 45.
DISCHARGE..... 197. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
PH..... 9.9
SPECIFIC CONDUCTANCE..... 206.
ALKALINITY..... 89. AS CaCO3
TOTAL DISSOLVED SOLIDS... 184.

ANALYSIS IN MG/L

AG....	CO3.....	51.				
AL....	CR.....		MG... N			
AU....	CU.....		MO....	SI02.	68.	
B..... N	F.....	1.9	NA....	49.		
BA....	FE+3....		NA+K..	S04..	8.2	
CA.... 0.8	HC03....	5.0	N03..	0.06		
CD....	H2S.....		P04.. N			
CL.... 3.2						
CO....	K.....	0.39				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... ROSS, 1971

RECORD 00053

GEO THERM FILE ID: 0081023

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WORSWICK HOT SPRINGS
WELL/SPRING NUMBER..... 03N-14E-28 CAA 1S
WELL NUMBER..... 136

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03N 014E 28 NE OF NE SW
STATE..... IDAHO B&M: BOISE
COUNTY..... CAMAS
MAP REFERENCE..... SYDNEY BUTTE 1:24000

COORDINATES
LAT/LONG... 43-33.88 N 114-47.85 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/10 MITCHELL, JOHN AND YOUNG, BILL
TEMPERATURE (C)..... 81.
DISCHARGE..... 1764. L/MIN
PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.3

SPECIFIC CONDUCTANCE..... 328.
 ALKALINITY..... 88. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 276.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	28.			
AL....	CR.....		MG... N		
AU....	CU.....		MO... 96.	SI02.	
B....	F.....	15.	NA... 69.	S04..	35.
BA....	FE+3....		NA+K.		
CA....	HCO3....	51.	NO3.. 0.07		
CD....	H2S.....		P04.. 0.02		
CL....					
CO....	K.....	1.9			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... UMPLEBY, 1913

RECORD 00054

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081056

NAME OF SAMPLE SOURCE... CALDWELL CITY WELL
 WELL/SPRING NUMBER..... 04N-03W-35-ABD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 003W 35 SE OF NW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CANYON
 MAP REFERENCE..... CALDWELL 1:24000

LAT/LONG... 43-38.72 N 116-39.53 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/05 MITCHELL, JOHN C.
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 131.
 DISCHARGE..... 3028. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 250.
 ALKALINITY..... 115. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 176.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CR.....		MG... 1.8		
AU....	CU.....		MO... 29.	SI02.	
B....	F.....	0.8	NA... 37.	S04..	11.
BA....	FE+3....		NA+K.		
CA....	HCO3....	140.	NO3.. 0.3		
CD....	H2S.....		P04.. 0.04		
CL....					
CO....	K.....	1.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00055

GEO THERM FILE ID: 0081052

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CANNON FARM WELL #2
 WELL/SPRING NUMBER..... 02N-03W-22-BCD1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 02N 003W 22 SE OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CANYON
 MAP REFERENCE..... GIVENS HOT SPRINGS 1:24000

COORDINATES

LAT/LONG... 43-29.73 N 116-41.23 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/05/06 SWANSON
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 196.
 DISCHARGE..... 6813. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 509.
 TOTAL DISSOLVED SOLIDS... 294.

ANALYSIS IN MG/LISOTOPES (0/00)

AL....	CR.....	MG... 11.			
AU....	CU.....	MO... 59.	SI02.	59.	
B....	F..... 0.5	NA... 55.			
BA....	FE+3...	NA+K.	S04..	62.	
CA.... 40.	HCO3.... 242.				
CL.... 7.5					
CO....	K..... 6.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00056

GEO THERM FILE ID: 0081054

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CANNON FARMS WELL #5
 WELL/SPRING NUMBER..... 02N-03W-22-DDC1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 02N 003W 22 SW OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CANYON
 MAP REFERENCE..... GIVENS HOT SPRINGS 1:24000

COORDINATES

LAT/LONG... 43-29.30 N 116-40.61 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/27 SWANSON
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 184.
 PERTINENT 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 (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	11.		
AU....		CU.....		MO...		SI02.	50.
B.....		F.....	0.5	NA...	55.		
BA....		FE+3....		NA+K.		S04..	88.
BR....	39.						
CA....		HCO3....	183.				
CD....	16.						
CO....		K.....	4.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00057

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081055

NAME OF SAMPLE SOURCE... CITY OF CALDWELL
 WELL/SPRING NUMBER..... 04N-03W-28-AAB1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 003W 28 NW OF NE NE LAT/LONG... 43-39.74 N 116-41.78 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CANYON
 MAP REFERENCE..... CALDWELL 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/05 MITCHELL, JOHN
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 122.
 DISCHARGE..... 568. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 SPECIFIC GRAVITY..... 7.7
 SPECIFIC CONDUCTANCE..... 280.
 ALKALINITY..... 131. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 203.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	0.1		
AU....		CU.....		MO...		SI02.	49.
B.....		F.....	1.5	NA...	53.		
BA....		FE+3....		NA+K.		S04..	2.6
CA....	11.	HCO3....	160.	NO3..	0.04		
CD....		H2S.....		P04..	0.04		
CL....	5.4						
CO....		K.....	2.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00058

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081053

NAME OF SAMPLE SOURCE... ERCIL BOWMAN WELL

WELL/SPRING NUMBER..... 02N-02W-34-BDA1
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CANYON
 MAP REFERENCE..... MELBA 1:24000

TOWNSHIP-RANGE

02N 002W 34 NE OF SE NW
 B&M: BOISE

COORDINATES

LAT/LONG... 43-28.19 N 116-33.77 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/09 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 51.
 WELL DEPTH (M)..... 97.
 DISCHARGE..... 2650. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 589.
 ALKALINITY..... 229. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 363.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N				
AL.....	CR.....		MG...	0.1		
AU.....	CU.....		MO...		SI02.	38.
B.....	F.....	4.1	NA...	110.		
BA.....	FE+3.....		NA+K.		S04..	59.
CA.....	3.5	HC03.....	279.	N03..	0.13	
CD.....		H2S.....		P04..	0.04	
CL.....	11.					
CO.....		K.....	0.8			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00059

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081049

NAME OF SAMPLE SOURCE... H. NAITO WELL
 WELL/SPRING NUMBER..... 01N-02W-03-CBB1

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CANYON
 MAP REFERENCE..... MELBA 1:24000

TOWNSHIP-RANGE

01N 002W 03 NW OF NW SW
 B&M: BOISE

COORDINATES

LAT/LONG... 43-27.12 N 116-34.19 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/05/10 SWANSON
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 117.
 DISCHARGE..... 1885. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 258.
 ALKALINITY..... 93. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 179.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AL....	CR.....	MG...	6.2		
AU....	CU.....	MO...		SI02.	40.
B.....	F.....	NA...	0.3	24.	
BA....	FE+3....	NA+K.		S04..	21.
CA....	HC03....		114.		
CL....			9.9		
CO....	K.....		3.7		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00060

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081050

NAME OF SAMPLE SOURCE... LEONARD TIEGS WELL
 WELL/SPRING NUMBER..... 01N-02W-05-ADD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 002W 05 SE OF SE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CANYON
 MAP REFERENCE..... MELBA 1:24000

LAT/LONG... 43-27.14 N 116-35.65 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/27 SWANSON
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 220.
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 483.
 ALKALINITY..... 120. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 295.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CR.....		MG...	7.8	
AU....	CU.....		MO...	SI02.	28.
B.....	F.....	0.3	NA...	37.	
BA....	FE+3....		NA+K.	S04..	72.
CA....	HC03....	146.			
CL....		30.			
CO....	K.....	3.4			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00061

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081051

NAME OF SAMPLE SOURCE... MELBA CITY WELL
 WELL/SPRING NUMBER..... 01N-02W-36-CAA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 002W 36 NE OF NE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CANYON

LAT/LONG... 43-22.68 N 116-31.50 W

MAP REFERENCE..... MELBA 1:24000
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 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..... 164. AS CAC03
 TOTAL DISSOLVED SOLIDS... 296.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... 2.3
 AU..... CU..... MO... SI02. 42.
 B..... F..... 1.4 NA... 88.
 BA..... FE+3..... NA+K. S04.. 34.
 CA..... 9.1 HCO3..... 200. NO3.. 0.4
 CD..... H2S..... P04.. 0.04
 CL..... 17.
 CO..... K..... 3.8

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SAVAGE, 1958

RECORD 00062

GEOTHERM FILE ID: 0081057

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BLACK RIVER WARM SPRINGS
 WELL/SPRING NUMBER..... 05S-40E-14-BCC 1S

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 05S 0 0E 14 SW OF SW NW
 COUNTY..... CARIBOU B&M: BOISE
 MAP REFERENCE..... HENRY 1:62500

COORDINATES
 LAT/LONG... 42-59.18 N 111-44.60 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/27 MITCHELL, JOHN C.
 TEMPERATURE (C)..... 26.
 DISCHARGE..... 3.8 L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY BASALT.

WATER ANALYSIS
 DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.2
 SPECIFIC CONDUCTANCE..... 470.
 ALKALINITY..... 1932. AS CAC03
 TOTAL DISSOLVED SOLIDS... 3466.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... 245.
 AU..... CU..... MO... SI02. 33.
 B..... 1.3 F..... 3.7 NA... 147.
 BA..... FE+3..... NA+K. S04.. 1132.
 CA..... 674. HCO3..... 2357. NO3.. 0.06
 CD..... H2S..... P04.. N

CL.... 110.
CO.... K..... 217.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL, 1976

RECORD 00063

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081058

NAME OF SAMPLE SOURCE... CORRAL CREEK WELL #1
WELL/SPRING NUMBER..... 06S-41E-19-BAA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 041E 19 NE OF NE NW
STATE..... IDAHO
COUNTY..... CARIBOU
MAP REFERENCE..... HENRY 1:62500

LAT/LONG... 42-53.35 N 111-41.93 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/12 MITCHELL, JOHN
TEMPERATURE (C)..... 42.
WELL DEPTH (M)..... 40.
DISCHARGE..... 598. L/MIN
PERTINENT LITHOLOGY..... PERMIAN PHOSPHATIC SLATE.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
PH..... 6.5
SPECIFIC CONDUCTANCE..... 4519.
ALKALINITY..... 2331. AS CaCO3
TOTAL DISSOLVED SOLIDS... 3670.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	263.		
AU....		CU.....	MO....		SI02.	28.
B....	120.	F.....	NA....	101.		
BA....		FE+3....	NA+K.		S04..	898.
CA....	701.	HCO3....	N03..	0.16		
CD....		H2S.....	P04..	N		
CL....	41.					
CO....		K.....		237.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL, 1976

RECORD 00064

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081059

NAME OF SAMPLE SOURCE... CORRAL CREEK WELL #2
WELL/SPRING NUMBER..... 06S-41E-19-BAB1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 0 1E 19 NW OF NE NW
STATE..... IDAHO B&M: BOISE
COUNTY..... CARIBOU
MAP REFERENCE..... HENRY 1:62500

LAT/LONG... 42-53.35 N 111-42.06 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/12 MITCHELL, JOHN

TEMPERATURE (C)..... 41.
 WELL DEPTH (M)..... 37.
 DISCHARGE..... 397. L/MIN
 PERTINENT LITHOLOGY..... PERMIAN PHOSPHATIC SLATE.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.8
 SPECIFIC CONDUCTANCE..... 4519.
 ALKALINITY..... 2264. AS CAC03
 TOTAL DISSOLVED SOLIDS... 3548.

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	246.		
AU....		CU.....	MO...		SI02.	30.
B....	1.9	F.....	NA...	97.		
BA....		FE+3....	NA+K.		S04..	896.
CA....	620.	HCO3....	N03..	0.24		
CD....		H2S.....	P04..	0.01		
CL....	43.					
CO....		K.....		242.		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976

RECORD 00065

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CORRAL CREEK WELL #3
 WELL/SPRING NUMBER..... 06S-41E-19-BAC 1

GEO THERM FILE ID: 0081060

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CARIBOU
 MAP REFERENCE..... HENRY 1:62500

TOWNSHIP-RANGE

06S 04E 19 SW OF NE NW
 B&M: BOISE

COORDINATES

LAT/LONG... 42-53.28 N 111-42.05 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/12 MITCHELL, JOHN C.
 TEMPERATURE (C)..... 41.
 WELL DEPTH (M)..... 56.
 DISCHARGE..... 79. L/MIN
 PERTINENT LITHOLOGY..... PERMIAN PHOSPHATIC SLATE.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 4589.
 ALKALINITY..... 2231. AS CAC03
 TOTAL DISSOLVED SOLIDS... 3601.

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	263.		
AU....		CU.....	MO...		SI02.	30.
B....	1.3	F.....	NA...	101.		
BA....		FE+3....	NA+K.		S04..	896.
CA....	697.	HCO3....	N03..	0.14		
CD....		H2S.....	P04..			
CL....	40.					

ISOTOPES (0/00)

CO..... K..... 233.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976

RECORD 00066

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081061

NAME OF SAMPLE SOURCE... CORRAL CREEK WELL #4
 WELL/SPRING NUMBER..... 06S-41E-19-BAD1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 041E 19 SE OF NE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CARIBOU
 MAP REFERENCE..... HENRY 1:62500

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)..... 65.
 PERTINENT LITHOLOGY..... PERMIAN PHOSPHATIC SLATE.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 4399.
 ALKALINITY..... 2297. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 3568.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3.....	N			
AL.....	CR.....		MG...	253.	
AU.....	CU.....		MO...		SI02. 30.
B..... 1.2	F.....	2.5	NA...	99.	S04.. 884.
BA.....	FE+3.....		NA+K.		
CA..... 649.	HC03.....	2803.	NO3..	0.15	
CD.....	H2S.....		P04..	N	
CL..... 40.					
CO.....	K.....	233.			

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1976

RECORD 00067

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081063

NAME OF SAMPLE SOURCE... SODA SPRINGS GEYSER
 WELL/SPRING NUMBER..... 09S-41E-12-ADD 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 09S 0 1E 12 SE OF SE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CARIBOU
 MAP REFERENCE..... SODA SPRINGS 1:62500

COORDINATES
 LAT/LONG... 42-39.42 N 111-36.24 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/02 MITCHELL, JOHN C.
 TEMPERATURE (C)..... 28.
 DISCHARGE..... 3.8 L/MIN

DEPOSITS OR ALTERATION.... TRAVERTINE.
 PERTINENT LITHOLOGY..... PLEISTOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 1959.
 ALKALINITY..... 2141. AS CAC03
 TOTAL DISSOLVED SOLIDS... 3207.

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	193.		
AU....		CU.....	MO...		SI02.	35.
B.....	0.06	F..... 1.6	NA...	12.		
BA....		FE+3....	NA+K.		S04..	801.
CA....	851.	HC03.... 2613.	NO3..	0.21		
CD....		H2S.....	P04.. N			
CL....	5.7					
CO....		K..... 23.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ARMSTRONG, 1969

RECORD 00068

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS
 WELL/SPRING NUMBER..... 09S-41E-10-DAA 1S

GEOHERM FILE ID: 0081062

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 09S 04E 10 NE OF NE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CARIBOU
 MAP REFERENCE..... SODA SPRINGS 1:62500

COORDINATES

LAT/LONG... 42-39.32 N 111-38.60 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/07/22
 TEMPERATURE (C)..... 51.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY?
 PH..... 7.0
 SPECIFIC CONDUCTANCE..... 3369.
 ALKALINITY..... 2264. AS CAC03
 TOTAL DISSOLVED SOLIDS... 3147.

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	248.		
AU....		CU.....	MO...		SI02.	84.
B.....		F..... 0.3	NA...	28.		
BA....		FE+3....	NA+K.		S04..	472.
CA....	645.	HC03.... 2380.	NO3..	0.1		
CL....	7.7					
CO....		K..... 27.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

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

RECORD 00069

GEOTHERM FILE ID: 0081067

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... C & Y RANCH (J.R. SIMPLOT) WELL
WELL/SPRING NUMBER..... 11S-27E-05-BAB 1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11S 027E 05 NW OF NE NW
STATE..... IDAHO B&M: BOISE
COUNTY..... CASSIA
MAP REFERENCE..... LAKE WALCOTT 1:62500

COORDINATES

LAT/LONG... 42-30.10 N 113-19.55 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/09/00 ROSS
TEMPERATURE (C)..... 29.
WELL DEPTH (M)..... 349.
DISCHARGE..... 5299. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM AND TERTIARY SEDIMENTARY ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.6
SPECIFIC CONDUCTANCE..... 655.
ALKALINITY..... 188. AS CaCO3
TOTAL DISSOLVED SOLIDS... 432.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3..... N				
AL.....	CR.....	MG...	7.2		
AU.....	CU.....	MO...		SI02.	26.
B..... N	F..... 3.4	NA...	100.	S04..	14.
BA.....	FE+3.....	NA+K.			
CA..... 26.	HC03..... 230.	N03..	0.9		
CL..... 90.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... WALKER AND OTHERS, 1970

RECORD 00070

GEOTHERM FILE ID: 0081066

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRITCHFIELD LAND AND CATTLE CO.
WELL/SPRING NUMBER..... 11S-26E-28-BCB 1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11S 026E 28 NW OF SW NW
STATE..... IDAHO B&M: BOISE
COUNTY..... CASSIA
MAP REFERENCE..... IDAHOME 1:24000

COORDINATES

LAT/LONG... 42-26.39 N 113-25.93 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/07/25 SWANSON
TEMPERATURE (C)..... 35.
WELL DEPTH (M)..... 177.
DISCHARGE..... 4429. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY BASALT AND ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.6
ALKALINITY..... 116. AS CaCO3

TOTAL DISSOLVED SOLIDS... 220.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	0.4		
AU....		CU.....		MO...		SI02.	47.
B.....		F.....	1.4	NA...	34.		
BA....		FE+3....		NA+K.		S04..	13.
CA....	31.	HCO3....	141.				
CL....	20.						
CO....		K.....	4.1				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WALKER AND OTHERS, 1970

RECORD 00071

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081074

NAME OF SAMPLE SOURCE... GRIFFETH-WIGHT WELL #4
 WELL/SPRING NUMBER..... 14S-26E-01-BDD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	14S 026E 01 SE OF SE NW	LAT/LONG...	42-14.10 N 113-21.89 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	CASSIA			
MAP REFERENCE.....	BRIDGE 1:24000			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/00/00 MITCHELL
 TEMPERATURE (C)..... 77.
 WELL DEPTH (M)..... 1982.
 DISCHARGE..... 379. L/MIN
 OTHER SAMPLE INFORMATION.. PRE-TERTIARY UNDIFFERENTIATED ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.4
 SPECIFIC CONDUCTANCE..... 10000.
 ALKALINITY..... 302. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 368.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3.....	124.				
AL....		CR.....		MG...	12.		
AU....		CU.....		MO...		SI02.	64.
B.....	1.0	F.....		NA...	14.		
BA....		FE+3....		NA+K.		S04..	27.
CA....	5.0	HCO3....	116.	N03..	1.2		
CD....		H2S.....		P04..	0.01		
CL....	62.						
CO....		K.....	2.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1978

RECORD 00072

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081078

NAME OF SAMPLE SOURCE... HAROLD WARD WELL

W
 WELL/SPRING NUMBER..... 15S-24E-22-008 1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 15S 024E 22 NW OF SE SE
 COUNTY..... CASSIA B&M: BOISE
 MAP REFERENCE..... ALMO 1:24000

COORDINATES
 LAT/LONG... 42- 5.95 N 113-37.87 W

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 ALLUVUM.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 636.
 ALKALINITY..... 107. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 734.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... CO3..... N
 AL.... CR..... MG... 9.3
 AU.... CU..... MO... SI02. 44.
 B.... F..... 2.9 NA... 70.
 BA.... FE+3..... NA+K. S04.. 33.
 CA.... 37. HCO3..... 169. NO3.. 0.56
 CD.... H2S..... P04.. 0.03
 CL.... 80.
 CO.... K..... 3.1

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00073

GEOIHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... HAROLD WIGHT WELL
 WELL/SPRING NUMBER..... 14S-26E-01-CDA 1

GEOIHERM FILE ID: 0081076

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 14S 026E 01 NE OF SE SW
 COUNTY..... CASSIA B&M: BOISE
 MAP REFERENCE..... BRIDGE 1:24000

COORDINATES
 LAT/LONG... 42-13.78 N 113-21.88 W

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.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... CO3..... 36.
 AL.... CR..... MG... 0.2

AU.....	CU.....	MO...	S102.	83.
B.....	F..... 7.3	NA...	170.	
BA.....	FE+3....	NA+K.	S04..	25.
CA..... 1.0	HC03.... 240.	N03..	0.5	
CL..... 72.				
CO.....	K..... 2.9			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... U. S. GEOLOGICAL SURVEY WORK FILE

RECORD 00074

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081086

NAME OF SAMPLE SOURCE... IVAN BARRINGTON WELL #4
 WELL/SPRING NUMBER..... 15S-26E-24-DCC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 026E 24 SW OF SW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... NAF 1:24000

LAT/LONG... 42- 5.81 N 113-21.77 W

SAMPLE DESCRIPTION AND CONDITIONS

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... 1199.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3..... N			
AL....	CR.....	MG...	7.1	
AU....	CU.....	MO...	S102.	55.
B.....	F..... 2.5	NA...	340.	
BA.....	FE+3....	NA+K.	S04..	52.
CA..... 88.	HC03.... 161.			
CL..... 560.				
CO.....	K..... 16.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00075

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081084

NAME OF SAMPLE SOURCE... IVAN DARRINGTON WELL #3
 WELL/SPRING NUMBER..... 15S-26E-23-DDD1
 WARING NUMBER..... 184

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 026E 23 SE OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... NAF 1:24000

LAT/LONG... 42- 5.81 N 113-22.41 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/07/30
 TEMPERATURE (C)..... 33.
 PERTINENT LITHOLOGY..... PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.0
 SPECIFIC CONDUCTANCE..... 2459.
 ALKALINITY..... 143. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1648.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	N			
AL....		CR.....		MG...	8.3	
AU....		CU.....		MO...		SI02. 53.
B....		F.....	2.3	NA...	450.	
BA....		FE+3....		NA+K.		S04.. 69.
CA....	140.	HC03....	174.	NO3..	1.1	
CL....	820.					
CO....		K.....	19.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... USGS WORK FILE

RECORD 00076

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081069

NAME OF SAMPLE SOURCE... LYLE DURFEE ^{WELL}
 WELL/SPRING NUMBER..... 13S-25E-22-BCB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13S 025E 22 NW OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... CONNER RIDGE 1:24000
 LAT/LONG... 42-19.25 N 113-31.80 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/09/00 ROSS
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 156.
 DISCHARGE..... 681. 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

ISOTOPES (0/00)

AG....		CO3.....	N			
AL....		CR.....		MG...	5.4	
AU....		CU.....		MO...		SI02. 18.
B....		F.....	1.4	NA...	19.	
BA....		FE+3....		NA+K.		S04.. 13.
CA....	22.	HC03....	94.	NO3..	0.8	
CL....	22.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... ROSS, 1971

RECORD 00077

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081077

NAME OF SAMPLE SOURCE... MORRIS MITCHELL WELL #1
 WELL/SPRING NUMBER..... 15S-21E-25-CDA 1

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 15S 021E 25 NE OF SE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... BLUE HILL 1:24000

COORDINATES
 LAT/LONG... 42- 5.21 N 113-56.48 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/09/22 MITCHELL
 TEMPERATURE (C)..... 46.
 DISCHARGE..... 38. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.
 OTHER SAMPLE INFORMATION.. FLOWING WELL.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.7
 SPECIFIC CONDUCTANCE..... 475.
 ALKALINITY..... 207. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 306.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	11.			
AL.....	CR.....		MG... 0.1		
AU.....	CU.....		MO... 28.	SI02..	
B.....	F.....	2.4	NA... 110.	S04..	21.
BA.....	FE+3.....		NA+K..		
CA..... 2.0	HCO3.....	230.	N03.. 0.03		
CD.....	H2S.....		P04.. 0.02		
CL..... 17.					
CO.....	K.....	1.8			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MITCHELL, 1978

RECORD 00078

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081072

NAME OF SAMPLE SOURCE... OAKLEY HOT SPRINGS
 WELL/SPRING NUMBER..... 14S-22E-27-DCB 1S

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 14S 022E 27 NW OF SW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... BASIN 1:24000

COORDINATES
 LAT/LONG... 42-10.42 N 113-51.65 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/26/10 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 47.
 DISCHARGE..... 38. 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.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	29.				
AL....		CR.....		MG...	N		
AU....		CU.....		MO...		SI02.	70.
B.....		F.....	8.0	NA...	87.		
BA....		FE+3....		NA+K.		S04..	22.
CA....	2.7	HCO3....	43.	N03..	0.04		
CD....		H2S.....		P04..	0.03		
CL....	53.						
CO....		K.....	2.2				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00079

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081085

NAME OF SAMPLE SOURCE... REID STEWART WELL
 WELL/SPRING NUMBER..... 15S-26E-24-BAD1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 026E 24 SE OF NE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... NAF 1:24000

LAT/LONG... 42- 6.46 N 113-21.86 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/07/24
 TEMPERATURE (C)..... 32.
 DISCHARGE..... 1506. L/MIN
 PERTINENT LITHOLOGY..... PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 2179.
 ALKALINITY..... 145. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1353.

ISOTOPES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	6.3		
AU....		CU.....		MO...		SI02.	47.
B.....		F.....	1.9	NA...	380.		
BA....		FE+3....		NA+K.		S04..	65.
CA....	100.	HCO3....	177.				
CL....	650.						
CO....		K.....	16.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00080

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081082

NAME OF SAMPLE SOURCE... RRGE WELL #1 (IVAN ARRINGTON)
 WELL/SPRING NUMBER..... 15S-26E-23-AAA 1

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 15S 026E 23 NE OF NE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... NAF 1:24000

COORDINATES
 LAT/LONG... 42- 6.62 N 113-22.42 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 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... 1381.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	1.0		
AU....	CU.....	MO...		S102.	140.
B....	F..... 9.1	NA...	400.		
BA....	FE+3....	NA+K.		S04..	40.
CA.... 43.	HC03.... 63.				
CL.... 680.					
CO....	K..... 37.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... USGS WORK FILE

RECORD 00081

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0016669

NAME OF SAMPLE SOURCE... RRGE 1
 KGRA..... RAFT RIVER KGRA GAS

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA

COORDINATES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/02/06
 SAMPLE NUMBER..... RRGE 1D (NO. 1-60206-F)

GAS ANALYSIS

DATE/ANALYST..... 1976/02/10
ANALYSIS IN VOLUME %

ISOTOPES (00/0)

AR...	1.4				
CH4..	0.22				
C2H6.		N2...	86.		
CO2..	4.5	O2...	7.6		
H2...	0.025				
HE...	0.082				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00082

GEOTHERM FILE ID: 0016670

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRGE 1

KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP=RANGE COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/04/04

SAMPLE NUMBER..... RRGE 1E (NO. 1-50404-F)

TEMPERATURE (C)..... 97.

DISCHARGE..... 1975/04/07

WATER ANALYSIS

PH..... 7.14

TOTAL DISSOLVED SOLIDS... 1215.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3.....	L 2.	LI...	0.93		
AL....	CR.....		MG...	3.9		
AS....	CS.....		MN...	0.06		
AU....	CU.....		MO...		SI02..	95.
B.....	F.....	4.3	NA...	314.		
BA....	FE+3....		NA+K..		S04..	61.
BE....	FE(TOT)..	0.05	NB...		SR...	1.1
BI....	GA.....		NH4...	1.3		
BR....		L 2.5				
CA....	HCO3....	101.				
CL....	I.....	0.036				
CO....	K.....	21.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00083

GEOTHERM FILE ID: 0016671

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRGE 1

KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP=RANGE COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/03/23

SAMPLE NUMBER..... RRGE 1F (NO. 1-50323-C)

POINT OF COLLECTION.. WELLHEAD

GAS ANALYSIS

DATE/ANALYST..... 1975/03/25

ANALYSIS IN VOLUME %

ISOTOPES (00/0)

AR...	1.7			
C2H6.		N2...	81.	
CO2..	15.	O2...	0.25	

H2... N
 HE... 0.07
 OTHER ANALYTICAL DATA... GAS: SO2=N

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977.

RECORD 00084

GEOHERM SAMPLE FILE

GEOTHERM FILE ID: 0016672

NAME OF SAMPLE SOURCE... RRGE 1
 KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/03/23
 SAMPLE NUMBER..... RRGE 1G (NO. 1-50323-B)

WATER ANALYSIS

DATE/ANALYST..... 1975/03/24
 TOTAL DISSOLVED SOLIDS... 1319.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N	LI... 1.1		
AL....	CR.....	MG... 1.9		
AS....	CS.....	MN... 0.08		
AU....	CU.....	MO... 368.	SI02.. 92.	
B..... 0.3	F..... 5.5	NA... 368.		
BA.... L 0.4	FE+3....	NA+K..	SO4.. 63.	
BE....	FE(TOT).. 3.2	NB... 4.5	SR... 1.3	
BI....	GA.....	NH4.. 3.5		
BR.... L 2.5	GE.....	NO3.. 0.19		
CA.... 52.	HCO3.... 87.			
CL.... 611.	I..... 0.035			
CO....	K..... 25.	S..... L 0.2		

OTHER ANALYTICAL DATA... WATER: P=L 0.003; SI= 44.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00085

GEOHERM SAMPLE FILE

GEOTHERM FILE ID: 0016673

NAME OF SAMPLE SOURCE... RRGE 1
 KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/03/17
 SAMPLE NUMBER..... RRGE 1H (NO. 1-50317-C)

WATER ANALYSIS

DISCHARGE..... 1975/03/18

TOTAL DISSOLVED SOLIDS... 1812.

ANALYSIS IN PPM

AG....	CO3.....	22.	LI...	1.8		
AL....	CR.....		MG...	0.32		
AU....	CU.....		MO...		SI02.	125.
B.....	F.....	7.1	NA...	543.		
BA.... L 0.4	FE+3....		NA+K.		S04..	59.
BE.... L 0.0002	FE(TOT).	0.4	NB...		SR...	2.
BI....	GA.....		NH4..	1.8		
BR.... L 2.5						
CA.... 56.	HCO3.....	23.	N03..	0.4		
CL.... 936.	I.....	0.039				
CO....	K.....	34.	S....	L 0.2		

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... WATER: P=0.012; SI=61.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00086

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0016674

NAME OF SAMPLE SOURCE... RRGE 1

KGRA..... RAFT RIVER KGRA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/02/10

SAMPLE NUMBER..... RRGE 1I (NO. 1-50210=D)

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1614.

ANALYSIS IN PPM

AG....	CO3.....		LI...	1.4		
AL....	CR.....		MG...	3.		
AU....	CU.....		MO...		SI02.	109.
B.....	F.....	6.2	NA...	456.		
BA.... L 0.5	FE+3....		NA+K.		S04..	62.
BE.... L 0.005	FE(TOT).		NB...		SR...	1.6
BI....	GA.....		NH4..	L 0.2		
BR.... L 1.						
CA.... 69.	HCO3.....	71.	N03..	L 0.5		
CL.... 806.	I.....	0.37				
CO....	K.....	29.	S....	L 0.2		

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... WATER: SI=64.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00087

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0016668

NAME OF SAMPLE SOURCE... RRGE 1

KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/02/06
SAMPLE NUMBER..... RRGE 1C (NO. 60206-G)

GAS ANALYSIS

DATE/ANALYST..... 1976/02/10

ANALYSIS IN VOLUME %

ISOTOPES (00/0)

AR... 1.9
CH4.. 0.369
C2H6. N2... 90.
CO2.. 7.2 O2... 0.459
H2... 0.049
HE... 0.148

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00088

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0016667

NAME OF SAMPLE SOURCE... RRGE 1 - ERDA AEROJET NUCLEAR COMPANY
KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... CASSIA

15S 026E 23

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 146. AT (M).. 1 21.
WELL DEPTH (M)..... 1521.

WATER ANALYSIS

PH..... 7.23
SPECIFIC CONDUCTANCE..... 2800.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... N CO3..... 8.8 LI... 1.3
AL.... N CR..... T MG... 0.76
AS.... CS..... MN... 0.07
AU.... CU..... T MO... SI02. 102.
B..... 0.2 F..... 5.4 NA... 400. SN... N
BA.... L 0.4 FE+3.... NA+K. S04.. 61.
BE.... L 0.002 FE(TOT). 0.32 NB... SR... 1.4
RI.... GA..... NH4.. 2.0
BR.... L 2.5 GE..... NI... 3.7 TI... T
CA.... 57. HCO3.... 45. N03.. 0.44
CA+MG. HG..... PB... T V.... N
CD.... N H2S..... P04.. 0.05
CL.... 614. I..... 0.036 RB... ZN... N
CO.... N K..... 27. S.... L 0.2

GAS ANALYSIS

ANALYSIS IN ML/L

ISOTOPES (00/0)

AR... 0.82
C2H6. N2... 51.
CO2.. 0.5 O2... 0.06

H2... 0.28
 HE... 0.02
 OTHER ANALYTICAL DATA... SALINITY = 1715. PPM; NA ABSORPTION=19.5; WATER: P=0.016; SI= 46.; ZR = T; SI (OH) 4=167.2
REFERENCE AND IDENTIFICATION
 COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; KUNZE, 1975B

RECORD 00089

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0016678

NAME OF SAMPLE SOURCE... RRGE 2
 KGRA..... RAFT RIVER KGRA
LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... 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.. WELLHEAD
 WELL DEPTH (M)..... 1465.

WATER ANALYSIS

DATE/ANALYST..... 1975/06/04
 PH..... 7.38
 TOTAL DISSOLVED SOLIDS... 1596.

ANALYSIS IN PPM

AG....	CO3..... N	LI....	1.3		
AL....	CR.....	MG....	1.8		
AS....	CS.....	MN....	0.06		
AU....	CU.....	MO....		SI02.	136.
B..... 0.3	F..... 7.3	NA....	442.		
BA.... L 0.4	FE+3....	NA+K.		S04..	54.
BE.... L 0.0001	FE(TOT).. 0.8	NB....		SR....	1.4
BR.... L 1.5	GE.....	NI....	0.9		
CA.... 57.	HCO3.... 74.				
CL.... 784.	I..... 0.05				
CO....	K..... 37.	S....	L 0.1		

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... WATER: P=0.011

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00090

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0016679

NAME OF SAMPLE SOURCE... RRGE 2
 KGRA..... RAFT RIVER KGRA
LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... 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.. WELLHEAD
 TEMPERATURE (C)..... 66.
 OTHER SAMPLE INFORMATION.. SAMPLE UNFILTERED

WATER ANALYSIS

PH..... 7.46
 TOTAL DISSOLVED SOLIDS... 1341.

ANALYSIS IN PPM

AG....	CO3.....	LI...	1.0		
AL....	CR.....	MG...	0.4		
AU....	CU.....	MO...		SI02.	84.
B..... 2.	F..... 8.7	NA...	395.		
BA.... L 4.	FE+3....	NA+K.		S04..	58.
BE.... L 0.001	FE(TOT).	NB...		SR...	1.0
BI....	GA.....	NH4..	0.43		
BR.... L 1.5	GE.....	NI...	8.2		
CA.... 37.	HCO3.... 59.				
CL.... 644.	I..... 0.012				
CO....	K..... 42.	S.... L 0.1			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... WATER: P=L 0.2; SI= 43.; ZR= 0.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00091

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRGE 2
 KGRA..... RAFT RIVER KGRA

GEOHERM FILE ID: 0016680

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA

TOWNSHIP-RANGE

COORDINATES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/07/21
 SAMPLE NUMBER..... RRGE 2F (NO. 2-50721=C)
 POINT OF COLLECTION.. WELLHEAD
 OTHER SAMPLE INFORMATION.. SAMPLE UNFILTERED.

WATER ANALYSIS

PH..... 6.93

ANALYSIS IN PPM

AG....	CO3.....	LI...	1.0		
AL....	CR.....	MG...	0.1		
AS....	CS.....	MN...	0.2		
AU....	CU.....	MO...		SI02.	114.
B.....	F..... 7.2	NA...	397.		
BA.... L 4.	FE+3....	NA+K.		S04..	54.
BE.... L 0.001	FE(TOT).	NB...		SR...	1.1
BI....	GA.....	NH4..	0.56		
BR.... L 1.5					
CA.... 37.	HCO3.... 38.				
CL.... 648.	I..... 0.04				
CO....	K..... 33.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... WATER: P= 0.016; SI = 60.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00092

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0016682

NAME OF SAMPLE SOURCE... RRGE 2
 KGRA..... RAFT RIVER KGRA
LOCATION TOWNSHIP=RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/10/16
 SAMPLE NUMBER..... RRGE 2H (NO. 2-51016-D)
 TEMPERATURE (C)..... 126.

WATER ANALYSIS

PH..... 6.96

ANALYSIS IN PPM

AG....	CO3.....	LI...	1.1		
AL....	CR.....	MG...	0.038		
AS....	CS.....	MN...	0.55		
AU....	CU.....	MO...		SI02.	87.
B.....	F.....	NA...	408.		
BA.... L 4.					
BE....	FE(TOT).	NB...		SR...	0.9
BI....	GA.....	NH4..	1.2		
BR....	GE.....	NI...	0.66		
CA.... 28.	HCO3.... 38.				
CL.... 678.					
CO....	K..... 36.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... WATER: P= 0.02; SI= 0.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00093

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0016677

NAME OF SAMPLE SOURCE... RRGE 2
 KGRA..... RAFT RIVER KGRA
LOCATION TOWNSHIP=RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/10/16
 SAMPLE NUMBER..... RRGE 2C (NO. 2-51016-E)
WATER ANALYSIS

ANALYSIS

BA....	FE+3....	NA+K.	S04..	133.
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ISOTOPES (0/00)

GAS ANALYSIS

GAS/WATER RATIO.. 468.

ANALYSIS IN VOLUME %

AR.... 0.983

ISOTOPES (00/0)

C2H6. N2... 80.
CO2.. 0.58 02... 18.
H2... 0.049

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00094

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0016681

NAME OF SAMPLE SOURCE... RRGE 2

KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP=RANGE

COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/07/24

SAMPLE NUMBER..... RRGE 2G (NO. 2-50724-E)

POINT OF COLLECTION.. WELLHEAD

WELLHEAD PRESSURE (KG/CM2)..... 7.7

TEMPERATURE (C)..... 128.

WATER ANALYSIS

SPECIFIC GRAVITY..... 0.998

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... LI... 1.
AL..... CR..... MG... 0.2
AU..... CU..... MO...
B..... F..... 9. NA... 394.
BA... L 4. FE+3... NA+K.
BE... L 0.001 FE(TOT). NB...
BI..... GA..... NH4... 0.22
BR..... GE..... NI... 0.4
CA... 38. HCO3... 45.
CL... 753. I..... 0.01
CO..... K..... 34. S... L 0.1

SI02. 150.
S04.. 55.
SR... 1.

OTHER ANALYTICAL DATA... WATER: P= L 0.01; SI=71.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00095

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0016676

NAME OF SAMPLE SOURCE... RRGE 2 - ERDA AEROJET NUCLEAR COMPANY

KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP=RANGE

COORDINATES

COUNTRY..... UNITED STATES 155 026E 23

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

SAMPLE NUMBER..... RAFT RIVER 2B

TEMPERATURE (C)..... 147. AT (M).. 1825. M

WATER ANALYSIS

PH..... 7.74

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	16.	LI...	1.2		
AL....	T	CR.....	T	MG...	1.2		
AS....	L 0.05	CS.....		MN...	0.06		
AU....		CU.....	T	MO...		SI02.	129.
B....	0.25	F.....	7.6	NA...	433.		
BA....	L 0.4	FE+3....		NA+K.		S04..	53.
BE....	L 0.0001	FE(TOT).		NB...		SR...	1.4
BI....		GA.....		NH4..	0.33		
BR....	L 1.5	GE.....		NI...	3.6	TI...	T
CA....	48.	HCO3....	64.				
CA+MG.		HG.....	N	PB...	T		
CL....	804.	I.....	0.053				
CO....		K.....	36.	S....	L 0.1		

OTHER ANALYTICAL DATA... NA ABSORPTION RATIO = 16.4; WATER: SI(OH)4 = 193.7; P=0.01; SI=59.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; KUNZE, 1975

RECORD 00096

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0016675

NAME OF SAMPLE SOURCE... RRGE 2 - ERDA, AEROJET NUCLEAR COMPANY
 KGRA..... RAFT RIVER KGRA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 026E 23
 STATE..... IDAHO
 COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

SAMPLE NUMBER..... RAFT RIVER 2A
 TEMPERATURE (C)..... 147. AT (M).. 1825. M
 WELL DEPTH (M)..... 1825.
 DISCHARGE..... 3028. 1/MIN
 PERTINENT LITHOLOGY..... PRODUCTION INTERVAL IN SAND AND GRAVEL, CALCAREOUS TUFF, QUARTZITE WITH MINOR SCHIST, QUARTZ MONZONITE.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 2000.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	0.1		
AU....		CU.....		MO...		SI02.	170.
B....		F.....	7.6	NA...	389.		
CA....	38.	HCO3....	42.				
CL....	661.						
CO....		K.....	35.				

GAS ANALYSIS

ANALYSIS IN ML/L

ISOTOPES (00/0)

AR...	0.38		
C2H6.		N2...	23.
CO2..	0.79	O2...	0.042
H2...	1.3		
HE...	0.023		

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... COSNER AND APPS, 1978; KUNZE, 1975B

RECORD 00097

GEO THERM FILE ID: 0016684

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRGE 3

KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP=RANGE COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/04/11

SAMPLE NUMBER..... RRGE 3B (NO. 3-60411)

TEMPERATURE (C)..... 88.

WATER ANALYSIS

DATE/ANALYST..... 1976/04/16

PH..... 6.80

TOTAL DISSOLVED SOLIDS... 5664.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N	LI....	3.9		
AL....	CR.....	MG....	2.7		
AU....	CU.....	MO....		SI02.	114.
B.....	F..... 4.4	NA....	1790.		
BA....	FE+3....	NA+K.		S04..	67.
BE....	FE(TOT).	NB....		SR...	8.7
BI....	GA.....	NH4..	0.15		
CA.... 280.	HCO3.... 41.				
CL.... 3310.					
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 00098

GEO THERM FILE ID: 0016685

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRGE 3

KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP=RANGE COORDINATES

COUNTRY..... UNITED STATES

STATE..... IDAHO

COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/04/15

SAMPLE NUMBER..... RRGE 3C (NO. 3-60415)

WATER TREATMENT..... DILUTED WITH 9 VOLUMES OF DEMINERALIZED WATER.

WATER ANALYSIS

DATE/ANALYST..... 1976/04/16

PH..... 6.70

TOTAL DISSOLVED SOLIDS... 6006.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N	LI....	4.2		
AL....	CR.....	MG....	2.1		

AU....	CU.....	MO...	SI02.	81.
B.....	F..... 4.5	NA... 1940.		
BA....	FE+3....	NA+K.	S04..	61.
BE....	FE(TOT).	NB...	SR...	10.
BI....	GA.....	NH4.. 1.6		
CA.... 283.	HCO3.... 33.			
CL.... 3540.				
CO....	K..... 46.			

OTHER ANALYTICAL DATA... WATER: SI = 46.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00099

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0016686

NAME OF SAMPLE SOURCE... RRGE 3
 KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP=RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/05/26
 SAMPLE NUMBER..... RRGE 3D
 TEMPERATURE (C)..... 134.
 DISCHARGE..... 1976/05/27

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 9003.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N	LI... 3.1		
AL....	CR.....	MG... 0.9		
AU....	CU.....	MO...	SI02.	149.
B.....	F..... N	NA... 1193.		
BA....	FE+3....	NA+K.	S04..	31.
BE....	FE(TOT).	NB...	SR...	7.2
BI....	GA.....	NH4.. N		
BR.... N	GE.....	NI... N		
CA.... 206.	HCO3.... 56.			
CL.... 2418.	I..... N			
CO....	K..... 88.			

OTHER ANALYTICAL DATA... WATER: P=N; SI = 72.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00100

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0016687

NAME OF SAMPLE SOURCE... RRGE 3
 KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP=RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO

COUNTY..... CASSIA
SAMPLE DESCRIPTION AND CONDITIONS
DATE/COLLECTOR..... 1976/06/14
SAMPLE NUMBER..... RRGE 3E
TEMPERATURE (C)..... 138.

WATER ANALYSIS
DATE/ANALYST..... 1976/06/17
SPECIFIC CONDUCTANCE..... 11000.

ISOTOPES (0/00)

ANALYSIS IN PPM
AG..... CO3..... N LI... 3.
AL..... CR..... MG... 0.5
AU..... CU..... 0.08 MO... S102. 159.
B..... N F..... N NA... 1200.
BE..... FE(TOT). NB... SR... 7.
BI..... GA..... NH4.. N
BR..... N GE..... NI... N
CA..... 209. HCO3..... 45.
CL..... 2330. I..... N
CO..... K..... 100.

OTHER ANALYTICAL DATA... WATER: P=N; SI = 69.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... COSNER AND APPS, 1978; MCATEE, 1977

RECORD 00101

GEOTHERM FILE ID: 0016683

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRGE 3 - ERDA
KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP-RANGE COORDINATES
COUNTRY..... UNITED STATES 15S 026E 25, 14
STATE..... IDAHO
COUNTY..... CASSIA

SAMPLE DESCRIPTION AND CONDITIONS

SAMPLE NUMBER..... RRGE 3A
POINT OF COLLECTION.. WELLHEAD
TEMPERATURE (C)..... 0 147.
WELL DEPTH (M)..... 1809.
DISCHARGE..... 3028. L/MIN

WATER ANALYSIS

ISOTOPES (0/00)

ANALYSIS IN PPM
AG..... CO3..... LI... 3.1
B..... F..... 4.3 NA... 1156.
BA..... FE+3..... NA+K. S04.. 32.
BE..... FE(TOT). NB... SR... 6.4
BI..... GA..... NH4.. 0.47
CA..... 193. HCO3..... 53.
CL..... 2001. I..... 0.24
CO..... K..... 91.

OTHER ANALYTICAL DATA... WATER: SI(OH)4 = 193.; SI = 67.; P= 0.25

QUALIFICATION FIELD..... TEMPERATURE MEASURED AT WE33HEAD

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... COSNER AND APPS, 1978; ALLEN, 1977; KUNZE, 1976

RECORD 00102

GEOTHERM FILE ID: 0081068

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RUBY FARMS (J.R. SIMPLOT) WELL
 WELL/SPRING NUMBER..... 11S-27E-34-DDD 1

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 11S 027E 34 SE OF SE SE
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... MALTA NE 1:24000

COORDINATES
 LAT/LONG... 42-13.25 N 113-17.82 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/08/00 ROSS
 TEMPERATURE (C)..... 39.
 WELL DEPTH (M)..... 352.
 DISCHARGE..... 9512. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY SEDIMENTARY ROCKS.

WATER ANALYSIS

DATE/ANALYST..... ROSS REPORT
 PH..... 8.3
 SPECIFIC CONDUCTANCE..... 1099.
 ALKALINITY..... 225. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 418.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	2.0			
AL....	CR.....		MG...	9.5	
AU....	CU.....		MO....		SI02. 59.
B..... N	F.....	4.9	NA....	212.	
BA....	FE+3....		NA+K..		S04.. 17.
CA.... 27.	HC03....	270.	N03..	0.1	
CL.... 20.					
CO....	K.....	4.5			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WALKER AND OTHERS, 1970

RECORD 00103

GEOTHERM FILE ID: 0081073

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SEARS SPRINGS
 WELL/SPRING NUMBER..... 14S-25E-06-BBB 1S

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 14S 025E 06 NW OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... ELBA 1:24000

COORDINATES
 LAT/LONG... 42-14.42 N 113-35.25 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/05 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 28.
 DISCHARGE..... 662. L/MIN
 PERTINENT LITHOLOGY..... PRE-TERTIARY UNDIFFERENTIATED ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 270.

ALKALINITY..... 98. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 165.

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CR.....		MG...	7.5	
AU....	CU.....		MO...		SI02. 22.
B.....	F.....	0.4	NA...	15.	
BA....	FE+3....		NA+K.		S04.. 10.
CA....	HC03....	120.			
CL....					
CO....	K.....	3.3			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00104

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081064

NAME OF SAMPLE SOURCE... SKAGGS SIX S RANCH WELL #1
 WELL/SPRING NUMBER..... 11S-25E-11-CCA 1
 WARING NUMBER..... 185

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	11S 02SE 11 NE OF SW SW	LAT/LONG...	42-28.61 N 113-30.41 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	CASSIA			
MAP REFERENCE.....	ALBION 1:24000			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/26 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 60.
 WELL DEPTH (M)..... 136.
 DISCHARGE..... 4088. L/MIN
 PERTINENT LITHOLOGY..... PRECAMBRIAN QUARTIZITE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 274.
 ALKALINITY..... 102. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 372.

ANALYSIS IN MG/L

AG....	CO3.....	3.0	LI... N		
AL....	CR.....		MG...	0.5	
AU....	CU.....		MO...		SI02. 60.
B.....	F.....	14.	NA...	110.	
BA....	FE+3....		NA+K.		S04.. 59.
CA....	HC03....	125.	N03.. N		
CD....	H2S.....		P04..	3.0	
CL....					
CO....	K.....	3.9			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CROSTHWAITE AND OTHERS, 1957

RECORD 00105

GEO THERM FILE ID: 0081065

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SKAGGS SIX S RANCH WELL #2
 WELL/SPRING NUMBER..... 11S-26E-20-DDD 1

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 11S 026E 20 SE OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... IDAHOME 1:24000

COORDINATES
 LAT/LONG... 42-26.72 N 113-26.03 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/05 SWANSON
 TEMPERATURE (C)..... 32.
 DISCHARGE..... 4220. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY BASALT AND ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 310.
 ALKALINITY..... 117. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 222.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	0.5		
AU....	CU.....	MO...		SI02.	46.
B....	F..... 1.6	NA...	34.		
BA....	FE+3.....	NA+K.		S04..	29.
CA.... 31.	HC03..... 143.				
CL.... 5.9					
CO....	K..... 3.8				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CROSTHWAITE AND OTHERS, 1970

RECORD 00106

GEO THERM FILE ID: 0081075

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STOKER WELL
 WELL/SPRING NUMBER..... 11S-27E-36-ADA

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 11S 027E 36 NE OF SE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... SUBLETT 1:62500

COORDINATES
 LAT/LONG... 42-25.53 N 113-14.14 W

SAMPLE DESCRIPTION AND CONDITIONS

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
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 499.
 ALKALINITY..... 177. AS CaCO3

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... N
 AU.... CU..... MO... SI02. 66.
 B..... F..... NA... 16.
 CA.... HCO3.... 216.
 CL.... N

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00107

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081079

NAME OF SAMPLE SOURCE... UNNAMED BLM WELL
 WELL/SPRING NUMBER..... 15S-25E-29-CDC1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 025E 29 SW OF SE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... JIM SAGE CANYON 1:24000

LAT/LONG... 42- 4.97 N 113-33.74 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/10/07

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY (?)
 PH..... 8.9
 SPECIFIC CONDUCTANCE..... 540.
 ALKALINITY..... 87. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 376.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.... CO3..... 20.
 AL.... CR..... MG... 0.1
 AU.... CU..... MO... SI02. 68.
 B..... F..... NA... 120.
 BA.... FE+3.... NA+K. S04.. 40.
 CA.... 3.6 HCO3.... 65.
 CL.... 82.
 CO.... K..... 3.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00108

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081080

NAME OF SAMPLE SOURCE... UNNAMED BLM WELL
 WELL/SPRING NUMBER..... 15S-26E-12-ACC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 026E 12 SW OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... BRIDGE 1:24000

LAT/LONG... 42- 8.01 N 113-21.72 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/12/05

TEMPERATURE (C)..... 26.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.8
 SPECIFIC CONDUCTANCE..... 995.
 ALKALINITY..... 48. AS CAC03
 TOTAL DISSOLVED SOLIDS... 6636.

ANALYSIS IN MG/L

AL....	CR.....	MG...	1.4		
AU....	CU.....	MO...		SI02.	88.
B.....	F.....	NA...	3.9	2000.	
BA....	FE+3....	NA+K.		S04..	45.
CA....	HC03....		58.		
CL....			300.		
CO....			3900.		
	K.....		270.		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00109

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081081

NAME OF SAMPLE SOURCE... UNNAMED BLM WELL
 WELL/SPRING NUMBER..... 15S-26E-22-0DD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 026E 22 SE OF SE SE LAT/LONG... 42- 5.83 N 113-23.63 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... CHOKECHERRY CANYON 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/12/06
 TEMPERATURE (C)..... 82.
 WELL DEPTH (M)..... 443.
 DISCHARGE..... 189. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 6609.
 ALKALINITY..... 52. AS CAC03
 TOTAL DISSOLVED SOLIDS... 3514.

ANALYSIS IN MG/L

AL....	CR.....	MG...	0.5		
AU....	CU.....	MO...		SI02.	56.
B.....	F.....	NA...	5.0	1300.	
BA....	FE+3....	NA+K.		S04..	52.
CA....	HC03....		63.		
CL....			56.		
CO....			2000.		
	K.....		14.		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00110

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081087

NAME OF SAMPLE SOURCE... UNNAMED BLM WELL

WELL/SPRING NUMBER..... 15S-26E-25-ACA1
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... NAF 1:24000

TOWNSHIP-RANGE
 15S 026E 25 NE OF SW NE
 B&M: BOISE

COORDINATES
 LAT/LONG... 42- 5.54 N 113-21.53 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/01/14
 TEMPERATURE (C)..... 30.
 DISCHARGE..... 83. L/MIN

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 1949.
 ALKALINITY..... 144. AS CAC03
 TOTAL DISSOLVED SOLIDS... 1222.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3..... N				
AL.....	CR.....	MG...	3.9		
AU.....	CU.....	MO...		SI02.	88.
B.....	F..... 2.8	NA...	370.	S04..	32.
BA.....	FE+3.....	NA+K.			
CA..... 35.	HCO3..... 176.				
CL..... 570.					
CO.....	K..... 34.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00111

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081088

NAME OF SAMPLE SOURCE... UNNAMED BLM WELL
 WELL/SPRING NUMBER..... 16S-26E-05-BBA1
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... CASSIA
 MAP REFERENCE..... CHOKECHERRY CANYON 1:24000

TOWNSHIP-RANGE
 16S 026E 05 NE OF NW NW
 B&M: BOISE

COORDINATES
 LAT/LONG... 42- 4.03 N 113-26.81 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/03/25
 TEMPERATURE (C)..... 40.
 WELL DEPTH (M)..... 86.
 DISCHARGE..... 151. L/MIN

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.8
 SPECIFIC CONDUCTANCE..... 1539.
 ALKALINITY..... 113. AS CAC03
 TOTAL DISSOLVED SOLIDS... 853.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3..... N				
AL.....	CR.....	MG...	9.0		
AU.....	CU.....	MO...		SI02.	37.
B.....	F..... 4.4	NA...	240.	S04..	44.
BA.....	FE+3.....	NA+K.			

CA.... 58. HC03.... 138.
 CL.... 380.
 CO.... K..... 13.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00112

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081071

NAME OF SAMPLE SOURCE... UNNAMED WELL
 WELL/SPRING NUMBER..... 14S-21E-34-BDC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14S 021E 34 SW OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... OAKLEY 1:24000

LAT/LONG... 42- 9.89 N 113-59.03 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/26 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 43.
 DISCHARGE..... 681. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 282.
 ALKALINITY..... 118. AS CAC03
 TOTAL DISSOLVED SOLIDS... 209.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	1.1		
AU....	CU.....	MO...		SI02.	42.
B....	F..... 1.3	NA...	44.		
BA....	FE+3....	NA+K.		S04..	15.
CA.... 14.	HC03.... 144.	NO3..	0.01		
CD....	H2S.....	PO4..	0.01		
CL.... 7.0					
CO....	K..... 9.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... PIPER, 1923

RECORD 00113

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081083

NAME OF SAMPLE SOURCE... UNNAMED WELL
 WELL/SPRING NUMBER..... 15S-26E-23-AAA1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 026E 23 NE OF NE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... NAF 1:24000

LAT/LONG... 42- 5.38 N 113-21.60 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/02/06 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 90.

PERTINENT LITHOLOGY..... PLFISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 5.9
 SPECIFIC CONDUCTANCE..... 2299.
 ALKALINITY..... 48. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1056.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	0.1		
AU....	CU.....	MO...		SI02.	35.
B.....	F..... 10.	NA...	370.		
BA....	FE+3....	NA+K.		S04..	52.
CA.... 35.	HCO3.... 59.				
CL.... 570.					
CO....	K..... 32.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... USGS WORK FILE

RECORD 00114

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081070

NAME OF SAMPLE SOURCE... WARD SPRING
 WELL/SPRING NUMBER..... 13S-26E-17-CDC 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13S 026E 17 SW OF SE SW
 STATE..... IDAHO R&M: BOISE
 COUNTY..... CASSIA
 MAP REFERENCE..... NIBBS CREEK 1:24000

LAT/LONG... 42-17.16 N 113-26.78 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/08 SWANSON
 TEMPERATURE (C)..... 21.
 DISCHARGE..... 19. L/MIN
 PERTINENT LITHOLOGY..... PRE-TERTIARY UNDIFFERENTIATED ROCKS.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 217.
 ALKALINITY..... 75. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 176.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	0.6		
AU....	CU.....	MO...		SI02.	45.
B.....	F..... 0.5	NA...	14.		
BA....	FE+3....	NA+K.		S04..	9.5
CA.... 34.	HCO3.... 92.				
CL.... 25.					
CO....	K..... 3.0				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00115

GEOTHERM FILE ID: 0081090

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LIDY HOT SPRINGS #1
 WELL/SPRING NUMBER..... 09N-33E-02-BBC 1S

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 09N 033E 02 SW OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CLARK
 MAP REFERENCE..... LIDY HOT SPRINGS 1:24000

COORDINATES
 LAT/LONG... 44- 8.63 N 112-33.16 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/25
 TEMPERATURE (C)..... 50.
 DISCHARGE..... 946. L/MIN
 PERTINENT LITHOLOGY..... PRE-TERTIARY LIMESTONE.

WATER ANALYSIS

PH..... 6.3
 SPECIFIC CONDUCTANCE..... 691.
 ALKALINITY..... 147. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 471.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	16.		
AU....	CU.....	MO...		SI02.	34.
B....	F..... 6.0	NA...	27.		
BA....	FE+3....	NA+K.		S04..	190.
CA.... 87.	HCO3.... 179.	N03..	0.02		
CD....	H2S.....	P04..	0.03		
CL.... 8.0					
CO.... 87.	K..... 15.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00116

GEOTHERM FILE ID: 0081091

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LIDY HOT SPRINGS #2
 WELL/SPRING NUMBER..... 10N-33E-35-CCC 1S
 WARING NUMBER..... 149

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 10N 033E 35 SW OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CLARK
 MAP REFERENCE..... LIDY HOT SPRINGS 1:24000

COORDINATES
 LAT/LONG... 44- 8.72 N 112-33.22 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/22 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 56.
 WELL DEPTH (M)..... 126.
 DISCHARGE..... 189. L/MIN
 PERTINENT LITHOLOGY..... PRE-TERTIARY LIMESTONE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.6

SPECIFIC CONDUCTANCE..... 490.
 ALKALINITY..... 148. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 342.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	14.	
AU.....	CU.....		MO...		SI02. 37.
B.....	F.....	4.4	NA...	24.	
BA.....	FE+3.....		NA+K.		S04.. 100.
CA..... 55.	HCO3.....	180.			
CD.....	H2S.....		P04..	0.03	
CL..... 7.1					
CO.....	K.....	12.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00117

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081092

NAME OF SAMPLE SOURCE... WARM SPRINGS
 WELL/SPRING NUMBER..... 11N-32E-25-AAC 1S
 WARING NUMBER..... 148

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 032E 25 SW OF NE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CLARK
 MAP REFERENCE..... EDIE RANCH 1:62500

LAT/LONG... 44-15.39 N 112-38.35 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/28
 TEMPERATURE (C)..... 29.
 DISCHARGE..... 3407. L/MIN
 PERTINENT LITHOLOGY..... PRE-TERTIARY LIMESTONE.

WATER ANALYSIS

PH..... 7.0
 SPECIFIC CONDUCTANCE..... 457.
 ALKALINITY..... 171. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 274.

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	19.	
AU.....	CU.....		MO...		SI02. 17.
B.....	F.....	1.0	NA...	9.	
BA.....	FE+3.....		NA+K.		S04.. 62.
CA..... 54.	HCO3.....	209.	N03..	0.12	
CD.....	H2S.....		P04..	0.02	
CL..... 5.3					
CO.....	K.....	2.9			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00118

GEO THERM FILE ID: 0016666

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RRGE 1 - ERDA, AEROJET NUCLEAR CO.
 KGRA..... RAFT RIVER KGRA

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 15S 026E 23,31
 STATE..... IDAHO
 COUNTY..... COSSIA

SAMPLE DESCRIPTION AND CONDITIONS

SAMPLE NUMBER..... RAFT RIVER 1A
 TEMPERATURE (C)..... 146. AT (M).. 1521. M
 WELL DEPTH (M)..... 1521.
 DISCHARGE..... 2461. L/MIN
 PERTINENT LITHOLOGY..... RESERVOIR IN TUFF WITH INTERMITTENT INTERBEDDED SILTSTONE.

WATER ANALYSISANALYSIS IN MG/LISOTOPES (0/00)

AG....		CO3..... N			
AL....		CR.....	MG...	1.9	
AU....		CU.....	MO...	5102.	91.
B....		F..... 5.4	NA...	359.	
CA....	51.	HCO3.... 71.			
CL....	605.				
CO....		K..... 25.			

GAS ANALYSISANALYSIS IN ML/LISOTOPES (00/0)

AR...	0.66			
C2H6.		N2...	32.	
CO2..	5.8	O2...	0.1	
H2...	0.53			
HE...	0.027			

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... COSNER AND APPS, 1978; KUNZE, 1975B

RECORD 00119

GEO THERM FILE ID: 0081106

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BARNEY WARM SPRINGS
 WELL/SPRING NUMBER..... 11N-25E-23-CAB 1S
 WARING NUMBER..... 108

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 11N 025E 23 NW OF NE SW LAT/LONG... 44-16.13 N 113-26.95 W
 STATE..... IDAHO R&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... GILMORE 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/13 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 29.
 DISCHARGE..... 644. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR TERTIARY SILICIC VOLCANIC ROCK AND PRE-TERTIARY.
 UNDIFFERENTIATED.

WATER ANALYSIS

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

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 364.
 ALKALINITY..... 148. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 214.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	20.	
AU.....	CU.....		MO...		SI02. 18.
B.....	F.....	0.5	NA...	9.	
BA.....	FE+3.....		NA+K.		S04.. 35.
CA..... 37.	HCO3.....	181.	NO3..	0.25	
CD.....	H2S.....		P04..	0.03	
CL..... 4.0					
CO.....	K.....	1.5			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00120

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081099

NAME OF SAMPLE SOURCE... BASIN CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 11N-14E-21-CCA 1S
 WARNING NUMBER..... 91

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 014E 21 NE OF SW SW
 STATE..... IDAHO R&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... EAST BASIN CREEK 1:24000

LAT/LONG... 44-15.86 N 114-48.62 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/03 CATER
 TEMPERATURE (C)..... 38.
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

U.S. GEOLOGICAL SURVEY

DATE/ANALYST.....
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 304.
 ALKALINITY..... 77. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 255.

ISOTOPES (0/00)

AG.....	CO3.....	35.			
AL.....	CR.....		MG...	N	
AU.....	CU.....		MO...		SI02. 88.
B.....	F.....	14.	NA...	62.	
BA.....	FE+3.....		NA+K.		S04.. 38.
CA..... 2.1	HCO3.....	23.			
CL..... 4.3					
CO.....	K.....	1.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00121

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081100

NAME OF SAMPLE SOURCE... BASIN CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 11N-14E-21-DOB 1S
 WARING NUMBER..... 91

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 014E 21 NW OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... EAST BASIN CREEK 1:24000

COORDINATES
 LAT/LONG... 44-15.82 N 114-49.11 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/00 TSCHAND
 TEMPERATURE (C)..... 60.
 DISCHARGE..... 13.
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.0
 ALKALINITY..... 99. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 147.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....	CO3.....	40.			
AL....	CR.....		MG... 0.1		
AU....	CU.....		MO... 0.1	SI02.. 90.	
B....	F.....	15.			
BA....	FE+3....		NA+K..	S04.. 45.	
CA.... 2.0	HC03....	40.			
CL.... 6.0					
CO....	K.....	3.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TSCHAND AND OTHERS, 1974

RECORD 00122

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081107

NAME OF SAMPLE SOURCE... BILL JOHNSTON WELL
 WELL/SPRING NUMBER..... 14N-19E-34-DAA 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 14N 019E 34 NE OF NE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... LONE PINE PEAK 1:62500

COORDINATES
 LAT/LONG... 44-29.96 N 114-11.66 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/12 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 40.
 WELL DEPTH (M)..... 915.
 DISCHARGE..... 190. L/MIN
 OTHER SAMPLE INFORMATION.. WAS TEST HOLE FOR OIL OR GAS EXPLORATION.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 625.

ALKALINITY..... 185. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 397.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	21.		
AU....		CU.....		MO...		SI02.	23.
B.....		F.....	1.1	NA...	45.		
BA....		FE+3....		NA+K.		S04..	130.
CA....	55.	HCO3....	226.	N03..	0.1		
CD....		H2S.....		P04..	0.01		
CL....	4.0						
CO....		K.....	7.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL IDWR BILL YOUNG USGS

RECORD 00123

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081094

NAME OF SAMPLE SOURCE... BOWERY HOT SPRINGS
 WELL/SPRING NUMBER..... 08N-17E-31-DCB 1S
 WARING NUMBER..... 103

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	08N 017E 31 NW OF SW SE	LAT/LONG...	43-58.45 N 114-29.92 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	CUSTER			
MAP REFERENCE.....	RYAN PEAK 1:24000			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/03 ROSS
 TEMPERATURE (C)..... 60.
 DISCHARGE..... 9. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... ROSS REPORT
 PH..... 9.0
 SPECIFIC CONDUCTANCE..... 331.
 ALKALINITY..... 84. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 383.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	35.				
AL....		CR.....		MG...	0.1		
AU....		CU.....		MO...		SI02.	70.
B.....		F.....	19.	NA...	73.		
BA....		FE+3....		NA+K.		S04..	31.
CA....	1.8	HCO3....	31.				
CL....	7.8						
CO....		K.....	1.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00124

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081115

NAME OF SAMPLE SOURCE... DUTCH FRANK'S HOT SPRING
 WELL/SPRING NUMBER..... 05N-09E-07-BBA 1S
 WARING NUMBER..... 119

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05N 09E 07 NE OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... GRAND MTN. 1:24000

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..... 1136. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 263.
 ALKALINITY..... 81. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 223.

ANALYSIS IN MG/L
 AG.... CO3..... 40.
 AL.... CR..... MG... 0.2
 AU.... CU..... MO... S102. 72.
 B.... F..... 10. NA... 57.
 BA.... FE+3..... NA+K. S04.. 30.
 CA.... 2.2 HC03.... 17. N03.. 0.02
 CD.... H2S..... P04.. 0.03
 CL.... 2.4
 CO.... K..... 1.2

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WARING, 1965

RECORD 00125

GEOITHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... EAST ROBINSON BAR HOT SPRING
 WELL/SPRING NUMBER..... 11N-15E-26-CCC 1S

GEOOTHERM FILE ID: 0081103

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 015E 26 SW OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... ROBINSON BAR 1:24000

COORDINATES
 LAT/LONG... 44-14.89 N 114-40.38 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... TSCHAND
 TEMPERATURE (C)..... 49.
 DISCHARGE..... 40. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS QUARTZ MONZONITE.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.
 ALKALINITY..... 91. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 191.

ANALYSIS IN MG/L
 AG.... CO3..... 41.

ISOTOPES (0/00)

AL.....		CR.....		MG...	0.4		
AU.....		CU.....		MO...		SI02.	80.
B.....		F.....	12.	NA...	77.		
BA.....		FE+3....		NA+K.		S04..	57.
CA.....	2.0	HC03....	28.				
CL.....	6.0						
CO.....		K.....	3.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TSCHAND AND OTHERS, 1974

RECORD 00126

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081098

NAME OF SAMPLE SOURCE... ELKHORN HOT SPRINGS
 WELL/SPRING NUMBER..... 11N-13E-36-BAA 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 013E 36 NE OF NE NW LAT/LONG... 44-14.72 N 114-53.10 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... STANLEY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... TSCHAND
 TEMPERATURE (C)..... 60.
 DISCHARGE..... 757. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.0
 ALKALINITY..... 80. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 252.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	38.				
AL.....		CR.....		MG...	0.3		
AU.....		CU.....		MO...		SI02.	75.
B.....		F.....	16.	NA...	72.		
BA.....		FE+3....		NA+K.		S04..	32.
CA.....	1.0	HC03....	20.				
CL.....	6.0						
CO.....		K.....	2.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00127

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081110

NAME OF SAMPLE SOURCE... LOWER LOON CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 17N-14E-19-BDB 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17N 014E 19 NW OF SE NW LAT/LONG... 44-47.93 N 114-48.28 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... RAMEY HILL 1:24000

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

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.7
 SPECIFIC CONDUCTANCE..... 433.
 ALKALINITY..... 123. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 318.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	18.			
AL....	CR.....		MG... N		
AU....	CU.....		MO... S102.	72.	
B....	F.....	12.	NA... 93.		
BA....	FE+3....		NA+K. S04..	51.	
CA....	2.9 HC03....	114.			
CD....	H2S.....		P04.. N		
CL....	12. K.....	1.3			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00128

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081101

NAME OF SAMPLE SOURCE... MORMON BEND HOT SPRINGS
 WELL/SPRING NUMBER..... 11N-14E-29-AAB 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 014E 29 NW OF NE NE LAT/LONG... 44-15.60 N 114-50.30 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... EAST BASIN CREEK 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... TSCHAND, ET. AL.
 TEMPERATURE (C)..... 38.
 DISCHARGE..... 1135. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS QUARTZ MONZONITE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.3
 ALKALINITY..... 77. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 257.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	38.			
AL....	CR.....		MG... 0.1		
AU....	CU.....		MO... S102.	89.	
B....	F.....	14.	NA... 62.		
BA....	FE+3....		NA+K. S04..	38.	
CA....	2.2 HC03....	23.			
CL....	4.4 K.....	1.3			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TSCHAND AND OTHERS, 1974

RECORD 00129

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081093

NAME OF SAMPLE SOURCE... PIERSON HOT SPRINGS
 WELL/SPRING NUMBER..... 08N-14E-27-DBD 1S
 WARING NUMBER..... 102

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08N 014E 27 SE OF NW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... ALTURAS LAKE 1:24000

COORDINATES
 LAT/LONG... 43-59.42 N 114-47.99 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/03 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 60.
 DISCHARGE..... 416. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.0
 SPECIFIC CONDUCTANCE..... 331.
 ALKALINITY..... 84. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 253.

ANALYSIS IN MG/LISOTOPES (0/00)

AG.....	CO3.....	35.			
AL.....	CR.....		MG... 0.1		
AU.....	CU.....		MO... 70.		
B.....	F.....	19.	NA... 73.		
BA.....	FE+3.....		NA+K.. 31.		
CA..... 1.8	HC03.....	31.			
CL..... 7.8					
CO.....	K.....	1.0			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00130

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081104

NAME OF SAMPLE SOURCE... ROBINSON BAR HOT SPRINGS
 WELL/SPRING NUMBER..... 11N-15E-27-DDC 1S
 WARING NUMBER..... 95

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 015E 27 SW OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... ROBINSON BAR 1:24000

COORDINATES
 LAT/LONG... 44-14.80 N 114-40.58 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/00 TSCHAND
 TEMPERATURE (C)..... 44.
 DISCHARGE..... 265. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS QUARTZ MONZONITE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.5
 SPECIFIC CONDUCTANCE..... 359.
 ALKALINITY..... 91. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 292.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	41.			
AL.....	CR.....		MG...	0.4	
AU.....	CU.....		MO...		SI02. 80.
B.....	F.....	10.	NA...	77.	
BA.....	FE+3.....		NA+K.		S04.. 57.
CA.....	HCO3.....	28.	N03..	N	
CL.....					
CO.....	K.....	3.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TSCHAND AND OTHERS, 1974

RECORD 00131

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081097

NAME OF SAMPLE SOURCE... SLATE CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 10N-16E-30-BAD 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 10N 016E 30 SE OF NE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... LIVINGSTON CREEK 1:24000

LAT/LONG... 44-10.25 N 114-37.45 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/11 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 50.
 DISCHARGE..... L 681. L/MIN
 PERTINENT LITHOLOGY..... PALEOZOIC ARGILLITE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 437.
 ALKALINITY..... 90.
 TOTAL DISSOLVED SOLIDS... 361.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	0.1	
AU.....	CU.....		MO...		SI02. 86.
B.....	F.....	8.7	NA...	83.	
BA.....	FE+3.....		NA+K.		S04.. 110.
CA.....	HCO3.....	110.	N03..	0.03	
CD.....	H2S.....		P04..	0.02	
CL.....					
CO.....	K.....	4.5			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1937

RECORD 00132

GEO THERM FILE ID: 0081096

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STANLEY HOT SPRINGS
 WELL/SPRING NUMBER..... 10N-13E-03-CAB 1S
 WARING NUMBER..... 94

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 10N 013E 03 NW OF NE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... STANLEY 1:24000

COORDINATES

LAT/LONG... 44-13.45 N 114-55.71 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/12 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 41.
 DISCHARGE..... 379. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 293.
 ALKALINITY..... 71. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 210.

ANALYSIS IN MG/LISOTOPES (0/00)

AG.....	CO3.....	28.	MG...	0.1		
AL.....	CR.....		MO...		SI02.	55.
AU.....	CU.....		NA...	60.	S04..	31.
B.....	F.....	14.	NA+K.			
BA.....	FE+3.....		NO3..	0.05		
CA..... 2.2	HCO3.....	30.	P04..	0.01		
CD.....	H2S.....					
CL..... 5.0						
CO.....	K.....	0.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CHOATE, 1972

RECORD 00133

GEO THERM FILE ID: 0081105

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SULLIVAN HOT SPRINGS
 WELL/SPRING NUMBER..... 11N-17E-27-BDD 1S
 WARING NUMBER..... 100

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 017E 27 SE OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... CLAYTON 1:24000

COORDINATES

LAT/LONG... 44-15.25 N 114-26.56 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/12 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 41.
 DISCHARGE..... 757. L/MIN
 PERTINENT LITHOLOGY..... CONTACT BETWEEN OLIGOCENE SILICIC VOLCANIC ROCKS AND PALEZOIC DOLOMITE AND ARGILLITE.

WATER ANALYSIS

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

PH..... 7.0
 SPECIFIC CONDUCTANCE..... 1069.
 ALKALINITY..... 454. AS CAC03
 TOTAL DISSOLVED SOLIDS... 640.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	11.		
AU....		CU.....	MO...		SI02.	38.
B.....		F..... 1.8	NA...	170.		
BA....		FE+3....	NA+K.		S04..	26.
CA....	49.	HCO3.... 554.	N03..	0.06		
CD....		H2S.....	P04..	0.02		
CL....	57.					
CO....		K..... 15.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1937

RECORD 00134

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081108

NAME OF SAMPLE SOURCE... SUN FLOWER FLAT HOT SPRINGS
 WELL/SPRING NUMBER..... 16N-12E-08-DOB 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16N 012E 08 NW OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... GREYHOUND RIDGE 1:62500

LAT/LONG... 44-43.99 N 115- 1.06 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATER
 TEMPERATURE (C)..... 43.
 DISCHARGE..... 4.3 L/MIN

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.4
 ALKALINITY..... 65. AS CAC03
 TOTAL DISSOLVED SOLIDS... 319.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG... N			
AU....		CU.....	MO...		SI02.	59.
B.....		F..... 12.	NA... 91.			
BA....		FE+3....	NA+K.		S04..	100.
CA....	4.5	HCO3.... 79.				
CL....	13.					
CO....		K..... 1.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATER AND OTHERS, 1971

RECORD 00135

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081102

NAME OF SAMPLE SOURCE... SUNBEAM HOT SPRINGS

WELL/SPRING NUMBER..... 11N-15E-19-CAB 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... IDAHO 11N 01E 19 NW OF NE SW
 COUNTY..... CUSTER B&M: BOISE
 MAP REFERENCE..... SUNBEAM 1:24000

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..... 1135. 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... 319.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... N
 AU..... CU..... MO... SI02. 91.
 B..... F..... 15. NA... 85.
 BA..... FE+3..... NA+K. S04.. 54.
 CA..... 1.5 HCO3..... 119. NO3.. 0.06
 CD..... H2S..... P04.. 0.02
 CL..... 12.
 CO..... K..... 2.4

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TSCHAND AND OTHERS, 1974

RECORD 00136

GEOHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... THOMAS CREEK RANCH HOT SPRING
 WELL/SPRING NUMBER..... 16N-12E-17-DAD 1S

GEOHERM FILE ID: 0081109

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... IDAHO 16N 01E 17 SE OF NE SE
 COUNTY..... CUSTER B&M: BOISE
 MAP REFERENCE..... GREYHOUND RIDGE 1:62500

COORDINATES
 LAT/LONG... 44-43.27 N 115- 0.90 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1971/07/04 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 43.
 DISCHARGE..... 257.
 PERTINENT LITHOLOGY..... QUATERNARY GRANITIC ROCK.

WATER ANALYSIS
 PH..... 8.3
 SPECIFIC CONDUCTANCE..... 377.
 ALKALINITY..... 91. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 306.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... 28.
 AL..... CR..... MG... N
 AU..... CU..... MO... SI02. 81.

B..... F..... 12. NA... 82.
 BA..... FE+3..... NA+K. S04.. 63.
 CA..... 2.1 HC03..... 54.
 CL..... 10.
 CO..... K..... 1.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00137

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081089

NAME OF SAMPLE SOURCE... UPPER BOWERY HOT SPRINGS
 WELL/SPRING NUMBER..... 07N-17E-06-ABA 1S
 WARING NUMBER..... 103

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07N 017E 06 NE OF NW NE LAT/LONG... 43-58.24 N 114-29.69 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... RYAN PEAK 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/17 TSCHAND
 TEMPERATURE (C)..... 43.
 DISCHARGE..... 76. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.8
 SPECIFIC CONDUCTANCE..... 540.
 ALKALINITY..... 114. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 383.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... N
 AL.... CR..... MG... 4.5
 AU.... CU..... MO... SI02. 62.
 B..... F..... 12. NA... 84.
 BA.... FE+3..... NA+K. S04.. 110.
 CA.... 22. HC03..... 139.
 CL.... 12.
 CO.... K..... 8.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00138

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081095

NAME OF SAMPLE SOURCE... WEST PASS HOT SPRINGS
 WELL/SPRING NUMBER..... 08N-17E-32-BCA 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 017E 32 NE OF SW NW LAT/LONG... 43-58.91 N 114-29.15 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... CUSTER
 MAP REFERENCE..... RYAN PEAK 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/02/12 YOUNG, BILL AND MITCHELL, JOHN
 TEMPERATURE (C)..... 51.
 DISCHARGE..... 25.
 PERTINENT LITHOLOGY..... PALEOZOIC SEDIMENTARY ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.7
 SPECIFIC CONDUCTANCE..... 651.
 ALKALINITY..... 192. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 426.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3.....	N				
AL....		CR.....		MG...	5.5		
AU....		CU.....		MO...		SI02..	43.
B.....		F.....	8.4	NA...	100.		
BA....		FE+3....		NA+K..		S04..	94.
CA....	21.	HC03....	234.	N03..	0.06		
CD....		H2S.....		P04..	0.02		
CL....	26.						
CO....		K.....	13.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... TSCHAND AND OTHERS, 1974

RECORD 00139

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081116

NAME OF SAMPLE SOURCE... ATLANTA HOT SPRING
 WELL/SPRING NUMBER..... 06N-11E-35-DAD 2S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06N 011E 35 SE OF NE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... ATLANTA EAST 1:24000

LAT/LONG... 43-48.62 N 115- 6.74 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/07/00 ROSS
 TEMPERATURE (C)..... 38.
 DISCHARGE..... 379. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... ROSS REPORT
 PH..... 9.6
 SPECIFIC CONDUCTANCE..... 390.
 ALKALINITY..... 69. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 248.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3.....	21.				
AL....		CR.....		MG...	0.4		
AU....		CU.....		MO...		SI02..	78.
B.....		F.....	14.	NA...	65.		
BA....		FE+3....		NA+K..		S04..	39.
CA....	3.0	HC03....	41.	N03..	0.1		
CL....	6.0						
CO....		K.....	1.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER DEPARTMENT
 REFERENCE..... ROSS, 1971

RECORD 00140

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081120

NAME OF SAMPLE SOURCE... BEVERLY OLSON WELL
 WELL/SPRING NUMBER..... 04S-07E-19-RDB 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 007E 19 NW OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... CRATER RINGS SW 1:24000

COORDINATES
 LAT/LONG... 43- 4.01 N 115-54.35 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/10 ROSS
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 185.
 DISCHARGE..... 9463. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... ROSS REPORT
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 306.
 ALKALINITY..... 115. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 229.

ANALYSIS IN MG/L

AG.....	CO3.....	N			
AL.....	CR.....		MG...	8.1	
AU.....	CU.....		MO...		SI02. 65.
B.....	F.....	1.0	NA...	27.	
BA.....	FE+3.....		NA+K.		S04.. 19.
CA..... 23.	HCO3.....	144.	N03..	0.78	
CD.....	H2S.....		P04..	0.01	
CL..... 9.3					
CO.....	K.....	5.6			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00141

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081122

NAME OF SAMPLE SOURCE... BILL DAVIS WELL
 WELL/SPRING NUMBER..... 04S-09E-08-ACA 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 009E 08 NE OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... BENNETT MTN. 1:62500

COORDINATES
 LAT/LONG... 43- 5.54 N 115-24.44 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/29 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 62.
 WELL DEPTH (M)..... 358.

DISCHARGE..... L 18925.
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.2
 SPECIFIC CONDUCTANCE..... 387.
 ALKALINITY..... 135. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 282.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	41.				
AL....		CR.....		MG... N			
AU....		CU.....		MO... S102.		85.	
B....		F.....	16.	NA... 82.			
BA....		FE+3....		NA+K. S04..		14.	
CA....	0.9	HCO3....	81.	N03.. 0.05			
CD....		H2S.....		P04.. 0.03			
CL....	3.2						
CO....		K.....	0.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... RALSTON AND CHAPMAN, 1968

RECORD 00142

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081126

NAME OF SAMPLE SOURCE... CHARLES ANDERSON WELL
 WELL/SPRING NUMBER..... 05S-11E-07-ACC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 01E 07 SW OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... KING HILL 1:62500

LAT/LONG... 43- 0.20 N 115-11.56 W

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
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 367.
 ALKALINITY..... 121. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 235.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	16.				
AL....		CR.....		MG... N			
AU....		CU.....		MO... S102.		42.	
B....		F.....	20.	NA... 79.			
BA....		FE+3....		NA+K. S04..		12.	
CA....	2.5	HCO3....	115.	N03.. 0.03			
CD....		H2S.....		P04.. 0.03			
CL....	6.1						
CO....		K.....	0.9				

REFERENCE AND IDENTIFICATION

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

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... JOHN MITCHELL (IDWR) BILL YOUNG (USGS), 1973

RECORD 00143

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081111

NAME OF SAMPLE SOURCE... CHARLES BAKER WELL
 WELL/SPRING NUMBER..... 03N-10E-10-ABA 1

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 03N 010E 10 NE OF NW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... GROUSE BUTTE 1:24000

COORDINATES
 LAT/LONG... 43-36.96 N 115-14.90 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/14 MITCHELL, JOHN
 TEMPERATURE (C)..... 41.
 WELL DEPTH (M)..... 90.
 DISCHARGE..... 26. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.7
 SPECIFIC CONDUCTANCE..... 260.
 ALKALINITY..... 140. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 236.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3.....	52.			
AU.....	CU.....		MO...	SI02.	67.
B.....	F.....	2.4	NA...	55.	
BA.....	FE+3.....		NA+K.	SO4..	18.
CA..... 7.4	HC03.....	65.	N03..	0.06	
CD.....	H2S.....		P04..	0.05	
CL..... 1.9					
CO.....	K.....	0.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00144

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081124

NAME OF SAMPLE SOURCE... CHARLES BOYD WELL
 WELL/SPRING NUMBER..... 05S-08E-34-BDC 1

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 05S 008E 34 SW OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... HAMMETT 1:24000

COORDINATES
 LAT/LONG... 42-56.79 N 115-29.60 W

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
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 1339.
 ALKALINITY..... 653. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 858.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	1.0		
AU....		CU.....	MO...		SI02.	58.
B.....		F..... 2.2	NA...	320.		
BA....		FE+3....	NA+K.		S04..	6.5
CA....	9.1	HCO3.... 797.	NO3..	0.04		
CD....		H2S.....	P04..	0.04		
CL....	59.					
CO....		K..... 11.				

REFERENCE AND IDENTIFICATION

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

RECORD 00145

GEOTHERM FILE ID: 0081117

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHN MALOTA WELL
 WELL/SPRING NUMBER..... 02S-05E-23-BBC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 02S 005E 23 SW OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... CRATER RINGS 1:24000

LAT/LONG... 43-14.42 N 115-50.21 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/10 ROSS
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 128.
 DISCHARGE..... 757. L/MIN
 PERTINENT LITHOLOGY..... PLEISTOCENE BASALTIC LAVA AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... ROSS REPORT
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 272.
 ALKALINITY..... 114. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 210.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	6.9		
AU....		CU.....	MO...		SI02.	17.
B.....		F..... 0.8	NA...	34.		
BA....		FE+3....	NA+K.		S04..	19.
CA....	17.	HCO3.... 139.	NO3..	1.3		
CD....		H2S.....	P04..	0.01		
CL....	8.3					
CO....		K..... 6.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1977 (ROSS 1:71)

RECORD 00146

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081118

NAME OF SAMPLE SOURCE... LATTY HOT SPRINGS
 WELL/SPRING NUMBER..... 03S-10E-31-DOB 1S
 WARING NUMBER..... 131A

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03S 010E 31 NW OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... BENNETT MTN. 1:62500

COORDINATES
 LAT/LONG... 43- 6.93 N 115-18.32 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/05 MITCHELL, JOHN AND YOUNG,, BILL
 TEMPERATURE (C)..... 55.
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.4
 SPECIFIC CONDUCTANCE..... 243.
 ALKALINITY..... 129. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 253.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....	CO3.....	33.				
AL....	CR.....		MG... N			
AU....	CU.....		MO...	SI02.	100.	
B....	F.....	7.0	NA... 54.			
BA....	FE+3....		NA+K.	S04..	10.	
CA.... 0.4	HCO3....	90.	N03.. 0.07			
CD....	H2S.....		P04.. 0.04			
CL.... 2.7						
CO....	K.....	1.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00147

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081123

NAME OF SAMPLE SOURCE... MIKE WISSEL WELL
 WELL/SPRING NUMBER..... 05S-07E-16-ABD 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 007E 16 SE OF NW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... INDIAN COVE 1:62500

COORDINATES
 LAT/LONG... 42-59.68 N 115-37.46 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/10 ROSS
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 124.
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 515.
 ALKALINITY..... 166. AS CaCO3

TOTAL DISSOLVED SOLIDS... 368.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	14.		
AU....		CU.....		MO...		SI02.	73.
B....		F.....	1.1	NA...	33.		
BA....		FE+3....		NA+K..		S04..	77.
CA....	51.	HCO3....	202.	NO3..	0.15		
CD....		H2S.....		P04..	0.02		
CL....	12.						
CO....		K.....	7.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1977 (ROSS, 1971)

RECORD 00148

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081114

NAME OF SAMPLE SOURCE... NINE MEYER HOT SPRINGS
 WELL/SPRING NUMBER..... 05N-07E-24-BDD 1S
 WARING NUMBER..... 116

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05N 007E 24 SE OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... BARBER FLAT 1:24000

LAT/LONG... 43-45.32 N 115-34.25 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/17 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 76.
 DISCHARGE..... 1321. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 295.
 ALKALINITY..... 89. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 267.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3.....	51.				
AL....		CR.....		MG...	0.1		
AU....		CU.....		MO...		SI02.	100.
B....		F.....	10.	NA...	67.		
BA....		FE+3....		NA+K..		S04..	31.
CA....	1.1	HCO3....	5.0	NO3..	0.02		
CD....		H2S.....		P04..	0.03		
CL....	2.9						
CO....		K.....	1.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WARING, 1965

RECORD 00149

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081121

NAME OF SAMPLE SOURCE... NORTHWEST PIPELINE WELL
 WELL/SPRING NUMBER..... 04S-08E-36-BBA 1

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 04S 08E 36 NE OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... BENNETT MTN 1:62500

COORDINATES
 LAT/LONG... 43- 2.26 N 115-27.46 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/06 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 38.
 WELL DEPTH (M)..... 581.
 DISCHARGE..... 19. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.8
 SPECIFIC CONDUCTANCE..... 703.
 ALKALINITY..... 366. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 491.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	0.2		
AU....		CU.....	MO...		SI02.	86.
B....		F..... 3.0	NA...	160.		
BA....		FE+3....	NA+K.		S04..	5.4
CA....	3.2	HC03.... 447.	N03..	0.06		
CD....		H2S.....	P04..	0.06		
CL....	10.					
CO....		K..... 3.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... RALSTON AND CHAPMAN, 1968

RECORD 00150

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081112

NAME OF SAMPLE SOURCE... PARADISE HOT SPRING
 WELL/SPRING NUMBER..... 03N-10E-33-ACD 1S
 WARING NUMBER..... 129

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 03N 10E 33 SE OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... FEATHERVILLE 1:24000

COORDINATES
 LAT/LONG... 43-33.16 N 115-16.02 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/04 MITCHELL, JOHN
 TEMPERATURE (C)..... 53.
 DISCHARGE..... 38. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.2
 SPECIFIC CONDUCTANCE..... 230.
 ALKALINITY..... 219. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 111.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		C03.....	34.				
AU....		CU.....		MO...		SI02.	73.
B.....		F.....	3.3	NA...	48.		
BA....		FE+3....		NA+K.		S04..	15.
CA....	9.2	HC03....	66.	N03..	0.01		
CD....		H2S.....		P04..	0.01		
CL....	3.2						
CO....		K.....	1.1				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00151

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081113

NAME OF SAMPLE SOURCE... PARADISE RESORT WELL
 WELL/SPRING NUMBER..... 03N-10E-33-BDB 1
 WARNING NUMBER..... 129A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03N 010E 33 NW OF SE NW LAT/LONG... 43-33.28 N 115-16.44 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... FEATHERVILLE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/29 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 56.
 WELL DEPTH (M)..... 58.
 DISCHARGE..... 76. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.2
 SPECIFIC CONDUCTANCE..... 232.
 ALKALINITY..... 95. AS CAC03
 TOTAL DISSOLVED SOLIDS... 201.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		C03.....	35.				
AL....		CR.....		MG...	0.1		
AU....		CU.....		MO...		SI02.	69.
B.....		F.....	3.1	NA...	50.		
BA....		FE+3....		NA+K.		S04..	17.
CA....	1.5	HC03....	45.	N03..	0.04		
CD....		H2S.....		P04..	0.03		
CL....	2.6						
CO....		K.....	1.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00152

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081119

NAME OF SAMPLE SOURCE... ROBERT BRUCE WELL #1

WELL/SPRING NUMBER..... 04S-05E-25-BBC 1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 005E 25 SW OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ELMORE
 MAP REFERENCE..... CRATER RINGS SE 1:24000

COORDINATES
 LAT/LONG... 43- 3.19 N 115-48.90 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/08/16 ROSS
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 162.
 PERTINENT LITHOLOGY..... PLEISTOCENE BASALTIC LAVA AND SEDIMENTS.
 OTHER SAMPLE INFORMATION.. OBSERVATION WELL FOR GROUND WATER LEVELS.

WATER ANALYSIS

DATE/ANALYST..... ROSS REPORT
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 128.
 ALKALINITY..... 59. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 114.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	2.8	
AU.....	CU.....		MO...		SI02. 41.
B.....	F.....	0.2	NA...	9.0	
BA.....	FE+3.....		NA+K.		S04.. 6.6
CA..... 13.	HC03.....	72.	N03..	0.63	
CD.....	H2S.....		P04..	0.2	
CL..... 2.3					
CO.....	K.....	3.0			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00153

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081137

NAME OF SAMPLE SOURCE... BATTLE CREEK HOT SPRINGS #4
 WELL/SPRING NUMBER..... 15S-39E-08-BDC 4S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15S 039E 08 SW OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... BANIDA 1:24000

COORDINATES
 LAT/LONG... 42- 8.00 N 111-55.32 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/05 MITCHELL, JOHN
 TEMPERATURE (C)..... Q 84.
 DISCHARGE..... 5. L/MIN
 DEPOSITS OR ALTERATION... TRAVERTINE DEPOSITS.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.8
 SPECIFIC CONDUCTANCE..... 18479.
 ALKALINITY..... 500. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 12512.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		C03.....	N				
AL.....		CR.....		MG...	24.		
AU.....		CU.....		MO...		SI02.	97.
B.....	10.	F.....	6.4	NA...	4184.		
BA.....		FE+3.....		NA+K.		S04..	33.
CA.....	215.	HC03.....	610.	N03..	0.06		
CD.....		H2S.....		P04..	0.01		
CL.....	6967.						
CO.....		K.....	686.				

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..... DION, 1969

RECORD 00154

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081138

NAME OF SAMPLE SOURCE... BATTLE CREEK HOT SPRINGS #3
 WELL/SPRING NUMBER..... 155-39E-08-BDC 35

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 155 039E 08 SW OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... BANIDA 1:24000

LAT/LONG... 42- 7.98 N 111-55.66 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/05 MITCHELL, JOHN
 TEMPERATURE (C)..... 81.
 DEPOSITS OR ALTERATION... TRAVERTINE DEPOSITS.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 15949.
 ALKALINITY..... 620. AS CAC03
 TOTAL DISSOLVED SOLIDS... 9325.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		C03.....	N				
AL.....		CR.....		MG...	19.		
AU.....		CU.....		MO...		SI02.	109.
B.....	7.2	F.....	6.0	NA...	3053.		
BA.....		FE+3.....		NA+K.		S04..	37.
CA.....	162.	HC03.....	757.	N03..	0.28		
CD.....		H2S.....		P04..	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.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... DION, 1969

RECORD 00155

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081133

NAME OF SAMPLE SOURCE... BATTLE CREEK HOT SPRING

WELL/SPRING NUMBER..... 15S-39E-08-BDC 1S
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... FRANKLIN
 MAP REFERENCE..... BANIDA 1:24000

TOWNSHIP-RANGE
 15S 039E 08 SW OF SE NW
 B&M: BOISE

COORDINATES
 LAT/LONG... 42- 7.99 N 111-55.66 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/05 MITCHELL, JOHN
 TEMPERATURE (C)..... Q 82.
 DISCHARGE..... 3407. L/MIN
 DEPOSITS OR ALTERATION.... TRAVERTINE DEPOSITIS.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.7
 SPECIFIC CONDUCTANCE..... 1662.
 ALKALINITY..... 570. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 9639.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	19.		
AU....		CU.....	MO...		SI02.	109.
B....	7.6	F..... 6.0	NA...	3161.	S04..	35.
BA....		FE+3....	NA+K.			
CA....	174.	HCO3..... 696.	N03..	0.11		
CD....		H2S.....	P04..	0.01		
CL....	5241.					
CO....		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..... DION, 1969

RECORD 00156

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081136

NAME OF SAMPLE SOURCE... BATTLE CREEK HOT SPRINGS #2
 WELL/SPRING NUMBER..... 15S-39E-08-BDC 2S

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... FRANKLIN
 MAP REFERENCE..... BANIDA 1:24000

TOWNSHIP-RANGE
 15S 039E 08 SW OF SE NW
 B&M: BOISE

COORDINATES
 LAT/LONG... 42- 7.98 N 111-55.64 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/05 MITCHELL, JOHN
 TEMPERATURE (C)..... Q 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.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	N				
AL.....		CR.....		MG...	15.		
AU.....		CU.....		MO...		SI02..	107.
B.....	7.3	F.....	6.0	NA...	3071.		
BA.....		FE+3....		NA+K..		S04..	29.
CA.....	166.	HCO3....	697.	N03..	0.42		
CD.....		H2S.....		P04..	0.01		
CL.....	5048.						
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..... DION, 1969

RECORD 00157

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081132

NAME OF SAMPLE SOURCE... BEN MEEK WELL
 WELL/SPRING NUMBER..... 14S-39E-36-ADA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14S 039E 36 NE OF SE NE LAT/LONG... 42- 9.88 N 111-50.29 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... RIVERDALE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/03
 TEMPERATURE (C)..... 40.
 WELL DEPTH (M)..... 12.
 PERTINENT LITHOLOGY..... QUARternary ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.9
 SPECIFIC CONDUCTANCE..... 1809.
 ALKALINITY..... 420. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1106.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	6.6		
AU.....		CU.....		MO...		SI02..	89.
B.....	1.1	F.....	9.6	NA...	368.		
BA.....		FE+3....		NA+K..		S04..	13.
CA.....	24.	HCO3....	513.	N03..	0.1		
CD.....		H2S.....		P04..	0.01		
CL.....	322.						
CO.....		K.....	22.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... DION, 1969

RECORD 00158

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081129

NAME OF SAMPLE SOURCE... CLEVELAND WARM SPRINGS

WELL/SPRING NUMBER..... 12S-40E-36-ACD 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12S 040E 36 SE OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... ONEIDA NARROWS RESERVOIR 1:24000

COORDINATES
 LAT/LONG... 42-20.24 N 111-43.62 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/06
 TEMPERATURE (C)..... Q 35.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 4149.
 ALKALINITY..... 577. AS CAC03
 TOTAL DISSOLVED SOLIDS... 2662.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	68.		
AU....		CU.....	MO...		SI02.	54.
B.....	1.3	F..... 2.2	NA...	563.	S04..	788.
BA....		FE+3....	NA+K.			
CA....	265.	HCO3.... 704.	N03..	0.93		
CD....		H2S.....	P04..	0.01		
CL....	632.					
CO....		K..... 127.				

QUALIFICATION FIELD..... THERE 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, 1976

RECORD 00159

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081130

NAME OF SAMPLE SOURCE... CLEVELAND WARM SPRINGS
 WELL/SPRING NUMBER..... 12S-40E-36-ADB 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12S 040E 36 NW OF SE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... ONEIDA NARROWS RESERVOIR 1:24000

COORDINATES
 LAT/LONG... 42-20.27 N 111-43.45 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/06
 TEMPERATURE (C)..... Q 33.
 DISCHARGE..... 38. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 4199.
 ALKALINITY..... 577. AS CAC03
 TOTAL DISSOLVED SOLIDS... 2574.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N			
AL....		CR.....	MG...	64.	

AU.....	CU.....	MO...	SI02.	52.
B..... 1.2	F..... 1.9	NA...	S17.	
BA.....	FE+3....	NA+K.	S04..	755.
CA..... 259.	HCO3..... 704.	N03..	0.37	
CD.....	H2S.....	P04..	0.01	
CL..... 633.				
CO.....	K..... 137.			

QUALIFICATION FIELD..... THERE 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, 1976

RECORD 00160

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081139

NAME OF SAMPLE SOURCE... ELDIN BINGHAM WELL
 WELL/SPRING NUMBER..... 15S-39E-07-DBC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... FRANKLIN
 MAP REFERENCE..... BANIDA 1:24000

15S 039E 07 SW OF NW SE
 B&M: BOISE

LAT/LONG... 42- 7.78 N 111-56.56 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/08/24 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 63.
 DISCHARGE..... 38. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... 1977/08/24
 PH..... 6.2
 SPECIFIC CONDUCTANCE..... 2800.
 ALKALINITY..... 767. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 13261.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N		
AL.....	CR.....		MG...	36.
AU.....	CU.....		MO...	SI02. 68.
B.....	F.....	3.9	NA...	4600.
BA.....	FE+3....		NA+K.	S04.. 48.
CA..... 320.	HCO3.....	930.		
CD.....	H2S.....		P04..	0.12
CL..... 7800.				
CO.....	K.....	770.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... DION, 1969

RECORD 00161

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081131

NAME OF SAMPLE SOURCE... MAPLE GROVE HOT SPRINGS
 WELL/SPRING NUMBER..... 13S-41E-07-ACA 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

13S 041E 07 NE OF SW NE

LAT/LONG... 42-18.50 N 111-43.61 W

STATE..... IDAHO R&M: BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... ONEIDA NARROWS RESERVOIR 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/05
 TEMPERATURE (C)..... 78.
 DISCHARGE..... 1325. L/MIN
 DEPOSITS OR ALTERATION..... TRAVERTINE DEPOSITS
 PERTINENT LITHOLOGY..... PALEOZOIC QUARTZITE?

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 2909.
 ALKALINITY..... 405. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1869.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	30.	
AU.....	CU.....		MO...		SI02. 84.
B..... 1.4	F..... 1.1		NA...	492.	
BA.....	FE+3.....		NA+K.		S04.. 256.
CA..... 85.	HCO3..... 494.		NO3..	0.07	
CD.....	H2S.....		P04..	0.01	
CL..... 596.					
CO.....	K..... 82.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... DION, 1969

RECORD 00162

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081134

NAME OF SAMPLE SOURCE... MAPLE GROVE HOT SPRINGS #3
 WELL/SPRING NUMBER..... 13S-41E-07-ACA 3S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13S 041E 07 NE OF SW NE
 STATE..... IDAHO R&M: BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... ONEIDA NARROWS RESERVOIR 1:24000

LAT/LONG... 42-18.49 N 111-42.38 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/05 MITCHELL, JOHN
 TEMPERATURE (C)..... 60.
 DISCHARGE..... 935. L/MIN
 DEPOSITS OR ALTERATION..... TRAVERTINE DEPOSITS.
 PERTINENT LITHOLOGY..... PALEOZOIC QUARTZITE?

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.8
 SPECIFIC CONDUCTANCE..... 2899.
 ALKALINITY..... 405. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1854.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	25.	
AU.....	CU.....		MO...		SI02. 86.

B.....	0.9	F.....	1.0	NA...	492.		
BA.....		FE+3.....		NA+K.		S04..	251.
CA.....	93.	HC03.....	494.	N03..	0.06		
CD.....		H2S.....		P04..	0.01		
CL.....	584.						
CO.....		K.....	80.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... DION, 1969

RECORD 00163

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081135

NAME OF SAMPLE SOURCE... MAPLE GROVE HOT SPRINGS #2
 WELL/SPRING NUMBER..... 13S-41E-07-ACA 2S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13S 0 1E 07 NE OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... ONEIDA NARROWS RESERVOIR 1:24000

LAT/LONG... 42-18.48 N 111-42.39 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/05 MITCHELL, JOHN
 TEMPERATURE (C)..... 72.
 DISCHARGE..... 379. L/MIN
 DEPOSITS OR ALTERATION... TRAVERTINE DEPOSITS.
 PERTINENT LITHOLOGY..... PALEOZOIC QUARTZITE?

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.8
 SPECIFIC CONDUCTANCE..... 2979.
 ALKALINITY..... 406. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1896.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	29.		
AU.....		CU.....		MO...		SI02.	85.
B.....	1.3	F.....	1.1	NA...	501.		
BA.....		FE+3.....		NA+K.		S04..	261.
CA.....	93.	HC03.....	495.	N03..	0.12		
CD.....		H2S.....		P04..	0.02		
CL.....	601.						
CO.....		K.....	82.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... DION, 1969

RECORD 00164

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081143

NAME OF SAMPLE SOURCE... MYRON FONNESBECK
 WELL/SPRING NUMBER..... 16S-36E-24-ABC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16S 036E 24 SW OF NW NE
 STATE..... IDAHO B&M: BOISE

LAT/LONG... 42- 1.54 N 111-57.73 W

COUNTY..... FRANKLIN
MAP REFERENCE..... WESTON 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/03 MITCHELL, JOHN
TEMPERATURE (C)..... 23.
WELL DEPTH (M)..... 157.
DISCHARGE..... 4164. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
PH..... 6.8
SPECIFIC CONDUCTANCE..... 889.
ALKALINITY..... 343. AS CaCO3
TOTAL DISSOLVED SOLIDS... 566.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 27.
AU.... CU..... MO... SI02.. 74.
B..... 0.1 F..... 0.5 NA... 68.
BA.... FE+3..... NA+K.. S04.. 4.3
CA.... 78. HC03..... 413. NO3.. 0.08
CD.... H2S..... P04.. 0.03
CL.... 91.
CO.... K..... 18.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL, 1976

RECORD 00165

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081141

NAME OF SAMPLE SOURCE... SQUAW HOT SPRING
WELL/SPRING NUMBER..... 15S-39E-17-BDC 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 039E 17 SW OF SE NW
STATE..... IDAHO B&M: BOISE
COUNTY..... FRANKLIN
MAP REFERENCE..... WESTON 1:24000

LAT/LONG... 42- 7.12 N 111-55.70 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/04 MITCHELL, JOHN
TEMPERATURE (C)..... 73.
DISCHARGE..... 7703. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
PH..... 6.6
SPECIFIC CONDUCTANCE..... 16859.
ALKALINITY..... 710. AS CaCO3
TOTAL DISSOLVED SOLIDS... 11619.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 26.
AU.... CU..... MO... SI02.. 126.
B..... 9.7 F..... 4.9 NA... 3844.
BA.... FE+3..... NA+K.. S04.. 23.

CA.... 241. HC03.... 866. N03.. 0.06
 CD.... H2S..... P04.. 533.
 CL.... 6396. K..... 533.
 CO....

REFERENCE AND IDENTIFICATION

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

RECORD 00166

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081142

NAME OF SAMPLE SOURCE... SQUAW HOT SPRINGS
 WELL/SPRING NUMBER..... 15S-39E-17-BCD 1S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 15S 039E 17 SE OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... WESTON 1:24000

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
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 20519.
 ALKALINITY..... 669. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 12621.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	23.		
AU....		CU.....	MO...		SI02.	126.
B....	730.	F.....	4.3	NA...	4184.	
BA....		FE+3....		NA+K.	S04..	27.
CA....	135.	HC03....	816.	N03..	0.16	
CD....		H2S.....		P04..	0.03	
CL....	6877.					
CO....		K.....	708.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... DION, 1969

RECORD 00167

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081140

NAME OF SAMPLE SOURCE... SQUAW HOT SPRINGS WELL
 WELL/SPRING NUMBER..... 15S-39E-17 BCD1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 15S 039E 17 SE OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FRANKLIN
 MAP REFERENCE..... WESTON 1:24000

LAT/LONG... 42- 7.15 N 111-55.79 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/04 MITCHELL, JOHN
TEMPERATURE (C)..... 84.
WELL DEPTH (M)..... 6.7
DISCHARGE..... 435. L/MIN
DEPOSITS OR ALTERATION.... TRAVERTINE DEPOSITS
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
PH..... 6.5
SPECIFIC CONDUCTANCE..... 20459.
ALKALINITY..... 648. AS CaCO3
TOTAL DISSOLVED SOLIDS... 13403.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 24.
AU.... CU..... MO... SI02. 124.
B..... 8.1 F..... 4.3 NA... 4368.
BA.... FE+3..... NA+K. S04.. 35.
CA.... 279. HC03.... 791. NO3.. 0.12
CD.... H2S..... P04.. 0.02
CL.... 7398.
CO.... K..... 782.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... DION, 1969

RECORD 00168

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081153

NAME OF SAMPLE SOURCE... ASHTON WARM SPRING
WELL/SPRING NUMBER..... 09N-42E-23-DAC 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 09N 042E 23 SW OF NE SE
STATE..... IDAHO B&M: BOISE
COUNTY..... FREMONT
MAP REFERENCE..... ASHTON 1:24000
LAT/LONG... 44- 5.48 N 111-27.47 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/23 YOUNG AND MITCHELL
TEMPERATURE (C)..... 41.
DISCHARGE..... 7.6 L/MIN
PERTINENT LITHOLOGY..... PLEISTOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.6
SPECIFIC CONDUCTANCE..... 166.
ALKALINITY..... 75. AS CaCO3
TOTAL DISSOLVED SOLIDS... 204.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 0.1
AU.... CU..... MO... SI02. 110.
B..... 2.2 F..... 36.
BA.... FE+3..... NA+K. S04.. 4.7
CA.... 1.1 HC03.... 92. NO3.. 0.24
CD.... H2S..... P04.. 0.05

CL..... 2.9
 CO..... K..... 1.6
REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... STEARNS AND OTHERS, 1939

RECORD 00169

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081148

NAME OF SAMPLE SOURCE... BIG SPRINGS
 WELL/SPRING NUMBER..... 14N-44E-34-BBC 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 14N 044E 34 SW OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FREMONT
 MAP REFERENCE..... ISLAND PARK 1:24000

COORDINATES
 LAT/LONG... 44-29.97 N 111-15.27 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/28 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 12.
 DISCHARGE..... 352033.L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY OBISIDIAN (RHYOLITE).

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.4
 SPECIFIC CONDUCTANCE..... 102.
 ALKALINITY..... 38. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 101.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3..... N				
AL.....	CR.....	MG...	0.6		
AU.....	CU.....	MO...		SI02..	47.
R.....	F..... 3.1	NA...	14.		
BA.....	FE+3.....	NA+K..		S04..	3.2
CA..... 5.6	HCO3..... 46.	N03..	0.05		
CD.....	H2S.....	P04..	0.03		
CL..... 2.5					
CO.....	K..... 3.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... HAMILTON, 1965

RECORD 00170

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081147

NAME OF SAMPLE SOURCE... CITY OF NEWDALE WELL
 WELL/SPRING NUMBER..... 07N-41E-34-DCD 1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07N 041E 34 SE OF SW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FREMONT
 MAP REFERENCE..... NEWDALE 1:24000

COORDINATES
 LAT/LONG... 43-53.05 N 111-35.39 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... STOKER
 TEMPERATURE (C)..... 32.

WELL DEPTH (M)..... 99.
 DISCHARGE..... 2271. L/MIN
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 535.
 ALKALINITY..... 193. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 339.

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CR.....		MG...	6.4	
AU....	CU.....		MO...		SI02. 71.
B....	F.....	4.7	NA...	73.	
BA....	FE+3....		NA+K.		S04.. N
CA....	HC03....	236.	N03..	N	
CL....		29.			
CO....	K.....	8.6			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CROSTHWAITTE AND OTHERS, 1970

RECORD 00171

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081150

NAME OF SAMPLE SOURCE... CLAUDE HAWS WELL
 WELL/SPRING NUMBER..... 07N-41E-36-DDA 2

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07N 04E 36 NE OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FREMONT
 MAP REFERENCE..... NEWDALE 1:24000

LAT/LONG... 43-53.11 N 111-33.53 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/06/24 SWANSON
 TEMPERATURE (C)..... 32.
 WELL DEPTH (M)..... 194.
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.5 AT(C) 32.
 SPECIFIC CONDUCTANCE..... 375.
 ALKALINITY..... 154. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 271.

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CR.....		MG...	7.3	
AU....	CU.....		MO...		SI02. 68.
B....	F.....	3.0	NA...	44.	
BA....	FE+3....		NA+K.		S04.. 16.
BR....	GE.....	188.			
CA....		24.			
CL....		12.			
CO....	K.....	4.9			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

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

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CROSTHWAITE AND OTHERS, 1970

RECORD 00172

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081151

NAME OF SAMPLE SOURCE... DEAN SWINDELMAN WELL
 WELL/SPRING NUMBER..... 07N-42E-08-CAA 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07N 042E 08 NE OF NE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FREMONT
 MAP REFERENCE..... NEWDALE 1:24000

COORDINATES
 LAT/LONG... 43-56.89 N 111-31.75 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/06/22 SWANSON
 TEMPERATURE (C)..... 32.
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK (?)

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.6 AT(C) 32.
 SPECIFIC CONDUCTANCE..... 388.
 ALKALINITY..... 168. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 269.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	14.		
AU....	CU.....	MO...		SI02.	65.
B.....	F..... 2.0	NA...	22.		
BA....	FE+3....	NA+K.		S04..	8.8
CA.... 38.	HC03.... 205.				
CL.... 14.					
CO....	K..... 4.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CROSTHWAITE AND OTHERS, 1970

RECORD 00173

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081144

NAME OF SAMPLE SOURCE... DONALD TRUPP WELL
 WELL/SPRING NUMBER..... 07N-41E-25-CBD 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07N 041E 25 SE OF NW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FREMONT
 MAP REFERENCE..... NEWDALE 1:24000

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)..... 32.
 WELL DEPTH (M)..... 91.
 DISCHARGE..... 8706. L/MIN
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.8

SPECIFIC CONDUCTANCE..... 524.
 ALKALINITY..... 148. AS CAC03
 TOTAL DISSOLVED SOLIDS... 348.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	N			
AL....	CR.....		MG...	3.3	
AU....	CU.....		MO...		SI02. 76.
B.....	F.....	6.2	NA...	88.	
BA....	FE+3....		NA+K.		S04.. 26.
CA.... 23.	HC03....	181.	NO3..	84.	
CL.... 25.					
CO....	K.....	12.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CROSTHWAITE AND OTHERS, 1970

RECORD 00174

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081146

NAME OF SAMPLE SOURCE... HENRY HARRIS WELL
 WELL/SPRING NUMBER..... 07N-41E-34-ADD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	07N 04E 34 SE OF SE NE	LAT/LONG...	43-53.44 N 111-35.88 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	FREMONT			
MAP REFERENCE.....	NEWDALE 1:24000			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/06/16 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 33.
 WELL DEPTH (M)..... 106.
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 450.
 ALKALINITY..... 167. AS CAC03
 TOTAL DISSOLVED SOLIDS... 325.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	N			
AL....	CR.....		MG...	5.9	
AU....	CU.....		MO...		SI02. 64.
B.....	F.....	5.7	NA...	69.	
BA....	FE+3....		NA+K.		S04.. 26.
CA.... 25.	HC03....	204.	NO3..	0.83	
CL.... 22.					
CO....	K.....	6.9			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CROSTHWAITE AND OTHERS, 1970

RECORD 00175

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081152

NAME OF SAMPLE SOURCE... REMINGTON PRODUCE WELL

WELL/SPRING NUMBER..... 07N-42E-19-CCA 1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 07N 04E 19 NE OF SW SW
 COUNTY..... FREMONT B&M: BOISE
 MAP REFERENCE..... NEWDALE 1:24000

COORDINATES
 LAT/LONG... 43-54.86 N 111-33.24 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/07/19 SWANSON
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 194.
 DISCHARGE..... 1893. L/MIN
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 383.
 ALKALINITY..... 118. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 221.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	14.		
AU....	CU.....	MO...		SI02.	65.
B....	F..... 2.2	NA...	22.		
BA....	FE+3....	NA+K.		S04..	8.8
CA.... 35.	HCO3.... 205.				
CL.... 24.					
CO....	K..... 4.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... (DRILLERS LOG) CROSTHWAITTE AND OTHERS, 1970

RECORD 00176

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081149

NAME OF SAMPLE SOURCE... WALLACE LITTLE WELL
 WELL/SPRING NUMBER..... 07N-41E-35-CDD 1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 07N 0 1E 35 SE OF SE SW
 COUNTY..... FREMONT B&M: BOISE
 MAP REFERENCE..... NEWDALE 1:24000

COORDINATES
 LAT/LONG... 43-53.05 N 111-35.39 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/09 U.S. GEOLOGICAL SURVEY
 TEMPERATURE (C)..... 36.
 WELL DEPTH (M)..... 107.
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.9 AT(C) 36.
 SPECIFIC CONDUCTANCE..... 529.
 ALKALINITY..... 197. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 377.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N		
AL....	CR.....	MG...	6.3

AU....	CU.....	MO....	SI02.	75.
B.....	F.....	NA....	73.	
BA.....	FE+3....	NA+K.	S04..	33.
CA.....	HCO3....	NO3..	0.79	
CL.....	24.			
CO.....	K.....	8.6		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00177

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0081145

NAME OF SAMPLE SOURCE... WAYNE LARSON WELL
 WELL/SPRING NUMBER..... 07N-41E-26-ACC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07N 0 1E 26 SW OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... FREMONT
 MAP REFERENCE..... NEWDALE 1:24000

LAT/LONG... 43-54.34 N 111-35.20 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... STOKER
 TEMPERATURE (C)..... 22.
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.1
 SPECIFIC CONDUCTANCE..... 531.
 ALKALINITY..... 199. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 398.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3.....	N		
AL....	CR.....	MG...	2.7	
AU....	CU.....	MO....	SI02.	94.
B.....	F.....	NA....	93.	
BA.....	FE+3....	NA+K.	S04..	23.
CA.....	HCO3....	NO3..	N	
CL.....	28.			
CO.....	K.....	12.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... STOKER, 1977

RECORD 00178

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0081154

NAME OF SAMPLE SOURCE... EAST ROYSTONE HOT SPRINGS
 WELL/SPRING NUMBER..... 07N-01E-09-CDC 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07N 001E 09 SW OF SE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... GEM
 MAP REFERENCE..... MONTOUR 1:62500

LAT/LONG... 43-57.17 N 116-20.81 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/04 YOUNG, BILL AND MITCHELL, JOHN

TEMPERATURE (C)..... 45.
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.6
SPECIFIC CONDUCTANCE..... 529.
ALKALINITY..... 138. AS CaCO3
TOTAL DISSOLVED SOLIDS... 394.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... N
AL..... CR..... MG... 2.4
AU..... CU..... MO... SI02. 94.
B..... F..... 8.0 NA... 99.
BA..... FE+3..... NA+K. S04.. 57.
CA..... 15. HCO3..... 169. NO3.. 0.67
CD..... H2S..... P04.. 0.02
CL..... 30.
CO..... K..... 5.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND MITCHELL, 1972

RECORD 00179

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081155

NAME OF SAMPLE SOURCE... ROYSONE HOT SPRINGS
WELL/SPRING NUMBER..... 07N-01E-08-DDA 1S
WARNING NUMBER..... 66

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07N 001E 08 NE OF SE SE
STATE..... IDAHO B&M: BOISE
COUNTY..... GEM
MAP REFERENCE..... MONTOUR 1:62500

LAT/LONG... 43-57.23 N 116-21.32 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/11/24 MITCHELL, JOHN AND YOUNG, BILL
TEMPERATURE (C)..... 55.
DISCHARGE..... 189. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR MIOCENE BASALT.
OTHER SAMPLE INFORMATION.. UNUSED. SULFUR ODOR.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.5
SPECIFIC CONDUCTANCE..... 799.
ALKALINITY..... 153. AS CaCO3
TOTAL DISSOLVED SOLIDS... 576.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... N
AL..... CR..... MG... 0.6
AU..... CU..... 16. MO... SI02. 120.
B..... F..... NA... 160.
BA..... FE+3..... NA+K. S04.. 110.
CA..... 3.7 HCO3..... 187. NO3.. N
CD..... H2S..... P04.. 0.04
CL..... 62.
CO..... K..... 7.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... NEWCOMB, 1970

RECORD 00180

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081158

NAME OF SAMPLE SOURCE... DAVE ARCHER WELL
 WELL/SPRING NUMBER..... 05S-12E-03-AAA 1

LOCATIONCOORDINATES

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 012E 03 NE OF NE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... GOODING
 MAP REFERENCE..... KING HILL 1:62500

LAT/LONG... 43- 1.48 N 115- 0.55 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/19 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 45.
 WELL DEPTH (M)..... 326.
 DISCHARGE..... 314. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SEDIMENTS AND BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 413.
 ALKALINITY..... 138. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 283.

ANALYSIS IN MG/LISOTOPES (0/00)

AG.....		CO3.....	42.				
AL.....		CR.....		MG...	0.1		
AU.....		CU.....	19.	MO...		SI02.	62.
B.....		F.....		NA...	90.		
BA.....		FE+3.....		NA+K.		S04..	19.
CA.....	1.6	HCO3.....	83.	N03..	0.17		
CD.....		H2S.....		P04..	0.03		
CL.....	8.4						
CO.....		K.....	0.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... MALDE AND OTHERS, 1963

RECORD 00181

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081156

NAME OF SAMPLE SOURCE... J. SHANNON WELL
 WELL/SPRING NUMBER..... 04S-13E-28-ABB 1

LOCATIONCOORDINATES

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 013E 28 NW OF NW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... GOODING
 MAP REFERENCE..... DAVIS MOUNTAIN 1:62500

LAT/LONG... 43- 3.20 N 114-54.96 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/21 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 47.
 WELL DEPTH (M)..... 50.

PERTINENT LITHOLOGY..... PLEISTOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.0
 SPECIFIC CONDUCTANCE..... 497.
 ALKALINITY..... 228. AS CAC03
 TOTAL DISSOLVED SOLIDS... 385.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		C03.....	N				
AL....		CR.....		MG...	1.2		
AU....		CU.....		MO...		SI02.	92.
B.....		F.....	12.	NA...	1.0		
BA....		FE+3....		NA+K.		S04..	19.
CA....	9.8	HC03....	278.	N03..	0.49		
CD....		H2S.....		P04..	0.05		
CL....	8.2						
CO....		K.....	5.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... STEARNS AND OTHERS, 1938

RECORD 00182

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081157

NAME OF SAMPLE SOURCE... WHITE ARROW HOT SPRINGS
 WELL/SPRING NUMBER..... 04S-13E-30-ADB 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04S 013E 30 NW OF SE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... GOODING
 MAP REFERENCE..... DAVIS MOUNTAIN 1:62500

LAT/LONG... 43- 2.92 N 114-57.07 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/19 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 65.
 DISCHARGE..... 4542. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 407.
 ALKALINITY..... 152. AS CAC03
 TOTAL DISSOLVED SOLIDS... 315.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		C03.....	22.				
AL....		CR.....		MG...	N		
AU....		CU.....		MO...		SI02.	97.
B.....		F.....	12.	NA...	91.		
BA....		FE+3....		NA+K.		S04..	15.
CA....	1.2	HC03....	141.	N03..	0.11		
CD....		H2S.....		P04..	0.03		
CL....	6.6						
CO....		K.....	1.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MALDE AND OTHERS, 1 63

RECORD 00183

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081162

NAME OF SAMPLE SOURCE... BARTH HOT SPRINGS
 WELL/SPRING NUMBER..... 25N-12E-18-DD 1S
 WARING NUMBER..... 11

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 25N 012E 18 SE OF SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... IDAHO
 MAP REFERENCE..... IDAHO COUNTY MAP

COORDINATES
 LAT/LONG... 45-18.05 N 115- 2.80 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATER
 TEMPERATURE (C)..... 61.
 DISCHARGE..... 757. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.0
 ALKALINITY..... 90. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 190.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	29.			
AL.....	CR.....		MG... N		
AU.....	CU.....		MO... N	SI02..	70.
B.....	F.....	5.7	NA... 50.	S04..	5.3
BA.....	FE+3.....		NA+K.		
CA.....	HC03.....	51.			
CL.....					
CO.....	K.....	0.5			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00184

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081159

NAME OF SAMPLE SOURCE... BURGDORF HOT SPRINGS
 WELL/SPRING NUMBER..... 22N-04E-01-BDC 1S
 WARING NUMBER..... 14

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22N 004E 01 SW OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... IDAHO
 MAP REFERENCE..... BURGDORF 1:62500

COORDINATES
 LAT/LONG... 45-16.61 N 115-54.74 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/01 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 45.
 DISCHARGE..... 613. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.1

SPECIFIC CONDUCTANCE..... 215.
 ALKALINITY..... 84. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 198.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3.....	41.			
AL.....	CR.....		MG... N		
AU.....	CU.....		MO... SI02.	73.	
B.....	F.....	2.0	NA... 49.		
BA.....	FE+3.....		NA+K. S04..	18.	
CA..... 2.3	HCO3.....	19.	N03.. 0.03		
CD.....	H2S.....		P04.. 0.02		
CL..... 3.0					
CO.....	K.....	0.8			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WARING, 1965

RECORD 00185

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081164

NAME OF SAMPLE SOURCE... JERRY JOHNSON HOT SPRINGS
 WELL/SPRING NUMBER..... 36N-13E-18-ADD 1S
 WARING NUMBER..... 3

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 36N 013E 18 SE OF SE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... IDAHO
 MAP REFERENCE..... TOM BEAL PEAK 1:24000

LAT/LONG... 46-27.77 N 114-52.31 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/23 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 48.
 DISCHARGE..... 1136. L/MIN
 OTHER SAMPLE INFORMATION.. CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.7
 SPECIFIC CONDUCTANCE..... 186.
 ALKALINITY..... 61. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 154.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3.....	25.			
AL.....	CR.....		MG... 0.2		
AU.....	CU.....		MO... SI02.	49.	
B.....	F.....	1.6	NA... 37.		
BA.....	FE+3.....		NA+K. S04..	25.	
CA..... 3.3	HCO3.....	24.	N03.. 0.03		
CD.....	H2S.....		P04.. 0.04		
CL..... 1.9					
CO.....	K.....	0.4			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WARING, 1965

RECORD 00186

GEOOTHERM FILE ID: 0081161

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RED RIVER HOT SPRINGS
WELL/SPRING NUMBER..... 28N-10E-03-DD 1S
WARING NUMBER..... 10

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 28N 010E 03 SE OF SE SE
STATE..... IDAHO B&M: BOISE
COUNTY..... IDAHO
MAP REFERENCE..... SABLE HILL

COORDINATES

LAT/LONG... 45-47.26 N 115-11.86 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/21 MITCHELL, JOHN AND YOUNG, BILL
TEMPERATURE (C)..... 55.
DISCHARGE..... 132.
PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.6
SPECIFIC CONDUCTANCE..... 380.
ALKALINITY..... 89. AS CaCO3
TOTAL DISSOLVED SOLIDS... 286.

ANALYSIS IN MG/L

AG....		CO3.....	36.				
AL....		CR.....		MG... N			
AU....		CU.....		MO...	SI02..	76.	
R....		F.....	23.	NA... 81.			
BA....		FE+3.....		NA+K..	S04..	44.	
CA....	2.7	HC03.....	36.	N03.. 0.04			
CD....		H2S.....		P04.. 0.01			
CL....	4.4						
CO....		K.....	1.6				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... WARING, 1965

RECORD 00187

GEOOTHERM FILE ID: 0081160

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RIGGINS HOT SPRING
WELL/SPRING NUMBER..... 24N-02E-14-DBD 1S

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 24N 002E 14 SE OF NW SE
STATE..... IDAHO B&M: DOISE
COUNTY..... IDAHO
MAP REFERENCE..... RIGGINS HOT SPRINGS 1:24000

COORDINATES

LAT/LONG... 45-24.97 N 116-10.33 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/01 MITCHELL, JOHN AND YOUNG, BILL
TEMPERATURE (C)..... 42.
DISCHARGE..... 189. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM OVERLYING PALEOZOIC AND MESOZOIC GNEIS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.6

SPECIFIC CONDUCTANCE..... 812.
ALKALINITY..... 51. AS CaCO3
TOTAL DISSOLVED SOLIDS... 582.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG..... CO3..... 25.
AL..... CR..... MG... 6.2
AU..... CU..... MO... SI02.. 72.
B..... F..... 2.1 NA... 160.
BA..... FE+3..... NA+K.. S04.. 300.
CA..... 6.2 HCO3..... 11. NO3.. 0.02
CD..... H2S..... P04.. 0.02
CL..... 8.0
CO..... K..... 3.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... ANDERSON, 1978 (SITE INSPECTION); YOUNG AND MITCHELL, 1973

RECORD 00188

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081163

NAME OF SAMPLE SOURCE... WEIR CREEK HOT SPRINGS
WELL/SPRING NUMBER..... 36N-11E-13-BCC 1S
WARNING NUMBER..... 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 36N 011E 13 SW OF SW NW
STATE..... IDAHO B&M: BOISE
COUNTY..... IDAHO
MAP REFERENCE..... GREY STONE BUTTE 1:24000
LAT/LONG... 46-27.82 N 115- 2.10 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/23 MITCHELL, JOHN AND YOUNG, BILL
TEMPERATURE (C)..... 48.
DISCHARGE..... 227. L/MIN
PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.5
SPECIFIC CONDUCTANCE..... 148.
ALKALINITY..... 54. AS CaCO3
TOTAL DISSOLVED SOLIDS... 133.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG..... CO3..... 22.
AL..... CR..... MG... N
AU..... CU..... MO... SI02.. 49.
B..... F..... 2.2 NA... 29.
BA..... FE+3..... NA+K.. S04.. 15.
CA..... 3.3 HCO3..... 21. NO3.. 0.03
CD..... H2S..... P04.. 0.03
CL..... 2.1
CO..... K..... 0.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... WARING, 1965

RECORD 00189

GEO THERM FILE ID: 0081165

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HEISE HOT SPRINGS
 WELL/SPRING NUMBER..... 04N-40E-25-DDA 1S
 WARING NUMBER..... 152

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	04N 040E 25 NE OF SE SE	LAT/LONG... 44-39.66 N 111-39.13 W
STATE.....	IDAHO	B&M: BOISE	
COUNTY.....	JEFFERSON		
MAP REFERENCE.....	HEISE 1:24000		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/27 MITCHELL, JOHN
 TEMPERATURE (C)..... 49.
 DISCHARGE..... 227. L/MIN
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. BUREAU OF RECLAMATION
 PH..... 6.7
 SPECIFIC CONDUCTANCE..... 8840.
 ALKALINITY..... 901. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 5936.

ANALYSIS IN MG/L

<u>ANALYSIS IN MG/L</u>		<u>ISOTOPES (0/00)</u>			
AG....	CO3..... N				
AL....	CR.....	MG... 82.			
AU....	CU.....	MO... 30.			
B....	F..... 3.1	NA... 1500.	SI02..		
BA....	FE+3....	NA+K..	S04..	740.	
CA.... 450.	HCO3.... 1100.	N03.. 0.1			
CD....	H2S.....	P04.. 0.04			
CL.... 2400.					
CO....	K..... 190.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00190

GEO THERM FILE ID: 0081169

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 23N-18E-22-CAD 1S
 WARING NUMBER..... 53

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	23N 018E 22 SE OF NE SW	LAT/LONG... 45-18.42 N 114-20.27 W
STATE.....	IDAHO		
COUNTY.....	LEMHI		
MAP REFERENCE.....	SHOUP 1:62500		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/13 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 93.
 DISCHARGE..... 284. 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 ODOR. 15 SPRING VENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 6.3
SPECIFIC CONDUCTANCE..... 1010.
ALKALINITY..... 400. AS CaCO3
TOTAL DISSOLVED SOLIDS... 726.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.... CO3..... N
AL.... CR..... MG... 0.2
AU.... CU..... MO... SI02. 150.
B.... F..... 15. NA... 220.
BA.... FE+3.... NA+K. S04.. 53.
CA.... 5.3 HC03.... 488. N03.. 0.07
CD.... H2S..... P04.. 0.05
CL.... 29.
CO.... K..... 14.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... WARING, 1965

RECORD 00191

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081166

NAME OF SAMPLE SOURCE... CRONKS CANYON HOT SPRINGS
WELL/SPRING NUMBER..... 16N-21E-18-ADC 1S
WARING NUMBER..... 63

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16N 021E 18 SW OF SE NE
STATE..... IDAHO B&M: BOISE
COUNTY..... LEMHI
MAP REFERENCE..... CHALLIS 1:62500
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..... 76. L/MIN
PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.4
SPECIFIC CONDUCTANCE..... 757.
ALKALINITY..... 158. AS CaCO3
TOTAL DISSOLVED SOLIDS... 315.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.... CO3..... N
AL.... CR..... MG... 1.4
AU.... CU..... MO... SI02. 37.
B.... F..... 7.0 NA... 160.
BA.... FE+3.... NA+K. S04.. 66.
CA.... 11. HC03.... 339. N03.. 0.06
CD.... H2S..... P04.. 0.04
CL.... 26.
CO.... K..... 11.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.4
SPECIFIC CONDUCTANCE..... 1270.
ALKALINITY..... 385. AS CaCO3
TOTAL DISSOLVED SOLIDS... 840.

ANALYSIS IN MG/L ISOTOPES (0/00)
AG.... CO3..... N
AL.... CR..... MG... 0.6
AU.... CU..... MO... S102. 91.
B..... F..... 12. NA... 270.
BA.... FE+3.... NA+K. S04.. 160.
CA.... 7.3 HC03.... 470. N03.. 0.08
CD.... H2S..... P04.. 0.02
CL.... 51.
CO.... K..... 17.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... ANDERSON, 1957

RECORD 00194

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081173

NAME OF SAMPLE SOURCE... GREEN CANYON HOT SPRINGS
WELL/SPRING NUMBER..... 05N-43E-06-BCA 1S
WARING NUMBER..... 153

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05N 043E 06 NE OF SW NW LAT/LONG... 43-47.45 N 111-26.09 W
STATE..... IDAHO B&M: BOISE
COUNTY..... MADISON
MAP REFERENCE..... WRIGHT CREEK 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/09 YOUNG, BILL
TEMPERATURE (C)..... 44.
DEPOSITS OR ALTERATION... TRAVERTINE DEPOSITS.
PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 6.8
SPECIFIC CONDUCTANCE..... 846.
ALKALINITY..... 137. AS CaCO3
TOTAL DISSOLVED SOLIDS... 620.

ANALYSIS IN MG/L ISOTOPES (0/00)
AG.... CO3..... N
AL.... CR..... MG... 32.
AU.... CU..... MO... S102. 25.
B..... F..... 1.6 NA... 3.0
BA.... FE+3.... NA+K. S04.. 330.
CA.... 140. HC03.... 167. N03.. 0.13
CD.... H2S..... P04.. 0.01
CL.... 1.7
CO.... K..... 3.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... WARING, 1965

RECORD 00195

GEO THERM FILE ID: 0081172

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LAVERE RICKS

WELL/SPRING NUMBER..... 05N-41E-05-CBA1

LOCATIONCOUNTRY..... UNITED STATES TOWNSHIP-RANGE 05N 041E 05 NE OF NW SW

STATE..... IDAHO R&M: BOISE

COUNTY..... MADISON

MAP REFERENCE..... MOODY 1:24000

COORDINATES

LAT/LONG... 43-47.53 N 111-46.83 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/00/00 STOKER

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 98.

PERTINENT LITHOLOGY..... TERTIARY SILICIC ROCKS.

WATER ANALYSIS

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

PH..... 7.9

SPECIFIC CONDUCTANCE..... 341.

ALKALINITY..... 143. AS CaCO3

TOTAL DISSOLVED SOLIDS... 226.

ANALYSIS IN MG/LISOTOPES (0/00)

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

AL.... CR..... MG... 12.

AU.... CU..... MO... SI02. 42.

B.... F..... 1.3 NA... 18.

BA.... FE+3..... NA+K. S04.. 11.

CA.... 34. HC03..... 174. NO3.. N

CL.... 20.

CO.... K..... 3.1

REFERENCE AND IDENTIFICATION

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

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... STOKER, 1977

RECORD 00196

GEO THERM FILE ID: 0081170

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MARK RICKS WELL

WELL/SPRING NUMBER..... 05N-40E-08-BCC 1

LOCATIONCOUNTRY..... UNITED STATES TOWNSHIP-RANGE 05N 0 0E 08 SW OF SW NW

STATE..... IDAHO R&M: BOISE

COUNTY..... MADISON

MAP REFERENCE..... REXBURG 1:24000

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)..... 56.

PERTINENT LITHOLOGY..... TERTIARY VOLCANIC SILICIC ROCKS.

WATER ANALYSIS

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

PH..... 7.9

SPECIFIC CONDUCTANCE..... 326.

ALKALINITY..... 139. AS CaCO3

TOTAL DISSOLVED SOLIDS... 227.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	10.		
AU....		CU.....	MO...		SI02.	38.
B....		F..... 1.7	NA...	20.		
BA....		FE+3....	NA+K.		S04..	4.8
CA....	34.	HC03.... 187.	NO3..	0.81		
CL....	12.					
CO....		K..... 3.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... STOKER, 1977

RECORD 00197

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081171

NAME OF SAMPLE SOURCE... PAULINE SMITH WELL
 WELL/SPRING NUMBER..... 05N-40E-09-CCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05N 040E 09 SW OF SW SW LAT/LONG... 43-46.31 N 111-45.80 W
 STATE..... IDAHO R&M: BOISE
 COUNTY..... MADISON
 MAP REFERENCE..... MOODY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/00/00 STOKER
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 140.
 DISCHARGE..... 12491. L/MIN
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 365.
 ALKALINITY..... 155. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 229.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	15.		
AU....		CU.....	MO...		SI02.	40.
B....		F..... 0.6	NA...	14.		
BA....		FE+3....	NA+K.		S04..	11.
CA....	37.	HC03.... 189.	NO3.. N			
CL....	16.					
CO....		K..... 2.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... STOKER, 1977

RECORD 00198

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081176

NAME OF SAMPLE SOURCE... WAIZ ENTERPRISES INC.
 WELL/SPRING NUMBER..... 06N-41E-10-ACC 1

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... MADISON
 MAP REFERENCE..... WHITE OWL BUTTE 1:2400

TOWNSHIP-RANGE
 06N 01E 10 SW OF SW NE
 R&M: BOISE

COORDINATES
 LAT/LONG... 43-51.73 N 111-36.41 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... STOKER
 TEMPERATURE (C)..... 26.
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 492.
 ALKALINITY..... 190. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 347.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... CO3..... N
 AL.... CR..... MG... 6.9
 AU.... CU..... MO... SI02. 65.
 B.... F..... 3.7 NA... 65.
 BA.... FE+3.... NA+K. S04.. 26.
 CA.... 31. HCO3.... 232. NO3.. N
 CL.... 27.
 CO.... K..... 9.0

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... STOKER, 1977

RECORD 00199

 GEOTHERM FILE ID: 0081174

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... WANDA WOODS WELL
 WELL/SPRING NUMBER..... 06N-41E-10-8BB 1

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... MADISON
 MAP REFERENCE..... WHITE OWL BUTTE 1:24000

TOWNSHIP-RANGE
 06N 04E 10 NW OF NW NW
 R&M: BOISE

COORDINATES
 LAT/LONG... 43-52.09 N 111-37.03 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... STOKER
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 81.
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 493.
 ALKALINITY..... 197. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 324.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... CO3..... N
 AL.... CR..... MG... 7.2
 AU.... CU..... MO... SI02. 66.
 B.... F..... 3.5 NA... 64.
 BA.... FE+3.... NA+K. S04.. N

CA.... 33. HC03.... 240. N03.. N
CL.... 24.
CO.... K..... 8.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... STOKER, 1977

RECORD 00200

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081175

NAME OF SAMPLE SOURCE... WANDA WOODS WELL
WELL/SPRING NUMBER..... 06N-41E-10-DBB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06N 041E 10 NW OF NW SE
STATE..... IDAHO B&M: BOISE
COUNTY..... MADISON
MAP REFERENCE..... WHITE OWL BUTTE 1:24000

LAT/LONG... 43-51.67 N 111-36.41 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/06/16 U.S. GEOLOGICAL SURVEY
TEMPERATURE (C)..... 27.
PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.6
SPECIFIC CONDUCTANCE..... 470.
ALKALINITY..... 178. AS CaCO3
TOTAL DISSOLVED SOLIDS... 360.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.... CO3..... N
AL.... CR..... MG... 7.6
AU.... CU..... MO... SI02. 80.
B..... N F..... 4.5 NA... 70.
BA.... FE+3..... NA+K. S04.. 26.
CA.... 31. HC03.... 217. N03.. 1.1
CD.... H2S..... P04.. N
CL.... 25.
CO.... K..... 8.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... USGS WORK FILE

RECORD 00201

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081177

NAME OF SAMPLE SOURCE... KENT WARM SPRINGS (HENRY KENT)
WELL/SPRING NUMBER..... 12S-34E-36-BCB 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12S 034E 36 NW OF SW NW
STATE..... IDAHO B&M: BOISE
COUNTY..... ONEIDA
MAP REFERENCE..... DANIELS 1:24000

LAT/LONG... 42-20.36 N 112-26.17 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/17 YOUNG AND MITCHELL
TEMPERATURE (C)..... 24.

DISCHARGE..... 715.
 PERTINENT LITHOLOGY..... PALEOZOIC LIMESTONE.
WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.7
 SPECIFIC CONDUCTANCE..... 479.
 ALKALINITY..... 185. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 292.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... 19.
 AU..... CU..... MO... SI02.. 33.
 B..... N F..... 0.3 NA... 15.
 BA..... FE+3..... NA+K.. S04.. 18.
 CA..... 56. HCO3..... 226. NO3.. 0.73
 CD..... H2S..... P04.. N
 CL..... 35.
 CO..... K..... 4.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... PIPER, 1924

RECORD 00202

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081178

NAME OF SAMPLE SOURCE... MALAD WARM SPRINGS (JOHN NEILSON)
 WELL/SPRING NUMBER..... 14S-36E-27-CDA 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14S 036E 27 NE OF SE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ONEIDA
 MAP REFERENCE..... MALAD CITY EAST 1:24000

LAT/LONG... 42-10.40 N 112-14.37 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/16 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 25.
 DISCHARGE..... 38. L/MIN
 DEPOSITS OR ALTERATION... TRAVERTINE DEPOSITS.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 7587.
 ALKALINITY..... 785. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 4345.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... 79.
 AU..... CU..... MO... SI02.. 19.
 B..... N F..... 0.4 NA... 1200.
 BA..... FE+3..... NA+K.. S04.. 25.
 CA..... 240. HCO3..... 958. NO3.. 0.95
 CD..... H2S..... P04.. N
 CL..... 2100.
 CO..... K..... 210.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... BURNHAM AND OTHERS, 1969

RECORD 00203

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081179

NAME OF SAMPLE SOURCE... PLEASTVIEW WARM SPRINGS
 WELL/SPRING NUMBER..... 15S-35E-03-AAB 1S
 WARING NUMBER..... 194

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 15S 035E 03 NW OF NE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ONEIDA
 MAP REFERENCE..... MALAD CITY 1:24000

LAT/LONG... 42- 9.34 N 112-20.92 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/16 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 25.
 DISCHARGE..... 14422. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.8
 SPECIFIC CONDUCTANCE..... 2159.
 ALKALINITY..... 271. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1217.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....	C03..... N				
AL....	CR.....	MG...	33.		
AU....	CU.....	MO....		SI02..	21.
B.....	F..... 0.7	NA....	280.		
BA....	FE+3....	NA+K..		S04..	110.
CA.... 110.	HC03.... 331.	N03..	1.5		
CD....	H2S.....	P04.. N			
CL.... 470.					
CO....	K..... 29.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... BURNHAM AND OTHERS, 1969

RECORD 00204

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081180

NAME OF SAMPLE SOURCE... WOODRUFF WARM SPRINGS (LOYD BEATON)
 WELL/SPRING NUMBER..... 16S-36E-10-BBC 1S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 16S 036E 10 SW OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... ONEIDA
 MAP REFERENCE..... HENDERSON CREEK 1:24000

LAT/LONG... 42- 3.37 N 112-14.81 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/11 YOUNG, BILL AND MITCHELL, JOHN
 TEMPERATURE (C)..... 27.
 PERTINENT LITHOLOGY..... PALEOZOIC LIMESTONE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 3399.
 ALKALINITY..... 372. AS CAC03
 TOTAL DISSOLVED SOLIDS... 3084.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... C03..... N
 AL.... CR..... MG... 45.
 AU.... CU..... MO... SI02. 29.
 B..... N F..... 0.6 NA... 910.
 BA.... FE+3..... NA+K. S04.. 58.
 CA.... 130. HC03.... 454. N03.. 1.4
 CD.... H2S..... P04.. 0.03
 CL.... 1600.
 CO.... K..... 87.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... BURNHAM AND OTHERS, 1969

RECORD 00205

GEO THERM FILE ID: 0081205

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... A. WHITTED WELL
 WELL/SPRING NUMBER..... 05S-03E-28-BCC 1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 03E 28 SW OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... GRAND VIEW 1:24000

COORDINATES

LAT/LONG... 42-57.67 N 116- 6.85 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/31 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 67.
 WELL DEPTH (M)..... 774.
 DISCHARGE..... 9407. L/MIN
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS AND PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.4
 SPECIFIC CONDUCTANCE..... 437.
 ALKALINITY..... 134. AS CAC03
 TOTAL DISSOLVED SOLIDS... 323.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... C03..... 67.
 AL.... CR..... MG... N
 AU.... CU..... MO... SI02. 98.
 B..... F..... 21. NA... 97.
 BA.... FE+3..... NA+K. S04.. 9.8
 CA.... 0.8 HC03.... 27. N03.. N
 CD.... H2S..... P04.. 0.02
 CL.... 15.
 CO.... K..... 1.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00206

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081228

NAME OF SAMPLE SOURCE... ACE BLACK WELL
WELL/SPRING NUMBER..... 06S-06E-32-BDD 1LOCATIONCOORDINATESCOUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 06E 32 SE OF SE SW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... BRUNEAU 1:62500

LAT/LONG... 42-51.60 N 115-46.10 W

SAMPLE DESCRIPTION AND CONDITIONSDATE/COLLECTOR..... 1973/06/25 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 35.
WELL DEPTH (M)..... 427.
DISCHARGE..... 151. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE FRACTURED BASALT.WATER ANALYSISDATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 9.3
SPECIFIC CONDUCTANCE..... 413.
ALKALINITY..... 122. AS CaCO3
TOTAL DISSOLVED SOLIDS... 326.ANALYSIS IN MG/LISOTOPE\$ (0/00)

AG.....	CO3.....	8.0	MG...	0.1	SI02..	87.
AL.....	CR.....		MO...			
AU.....	CU.....		NA...	94.	S04..	28.
B.....	F.....	27.	NA+K.			
BA.....	FE+3.....		N03..	0.01		
CA..... 3.1	HC03.....	132.	P04..	0.02		
CD.....	H2S.....					
CL..... 11.						
CO.....	K.....	3.1				

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

RECORD 00207

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081247

NAME OF SAMPLE SOURCE... ACE BLACK WELL #2
WELL/SPRING NUMBER..... 07S-05E-05-DRC 1LOCATIONCOORDINATESCOUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 05E 05 SW OF NW SE
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... LITTLE VALLEY 1:24000

LAT/LONG... 42-50.50 N 115-52.97 W

SAMPLE DESCRIPTION AND CONDITIONSDATE/COLLECTOR..... 1973/06/25 YOUNG
TEMPERATURE (C)..... 32.
WELL DEPTH (M)..... 733.
DISCHARGE..... 757. L/MIN

PERTINENT LITHOLOGY..... PLIOCENE JOINTED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.0
 SPECIFIC CONDUCTANCE..... 332.
 ALKALINITY..... 78. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 261.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	4.0				
AL.....		CR.....		MG...	0.1		
AU.....		CU.....		MO...		SI02..	75.
B.....		F.....	8.2	NA...	63.		
BA.....		FE+3....		NA+K..		S04..	48.
CA.....	4.4	HCO3....	87.	N03..	N		
CD.....		H2S.....		P04..	0.02		
CL.....	9.5						
CO.....		K.....	6.1				

REFERENCE AND IDENTIFICATION

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

RECORD 00208

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081184

NAME OF SAMPLE SOURCE... ALFRED HEYWOOD WELL
 WELL/SPRING NUMBER..... 03S-01E-35-DAC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 03S 001E 35 SW OF NE SE LAT/LONG... 43- 7.06 N 116-17.82 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 MAP REFERENCE..... CASTLE BUTTE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/24 YOUNG & WHITEHEAD
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 91.

PERTINENT 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.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	N				
AL.....		CR.....		MG...	9.9		
AU.....		CU.....		MO...		SI02..	55.
B.....		F.....	2.1	NA...	35.		
BA.....		FE+3....		NA+K..		S04..	25.
CA.....	43.	HCO3....	246.	N03..	0.01		
CD.....		H2S.....		P04..	0.07		
CL.....	7.7						
CO.....		K.....	6.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00209

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081260

NAME OF SAMPLE SOURCE... BAT HOT SPRINGS
WELL/SPRING NUMBER..... 07S-06E-22-AAD 1S

LOCATION
COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... HOT SPRING 1:24000

COORDINATES
LAT/LONG... 42-47.98 N 115-43.60 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/22 YOUNG, BILL
TEMPERATURE (C)..... 45.
DISCHARGE..... 6 1893. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.0
SPECIFIC CONDUCTANCE..... 274.
ALKALINITY..... 102. AS CaCO3
TOTAL DISSOLVED SOLIDS... 142.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3..... N				
AL.....	CR.....	MG...	1.9		
AU.....	CU.....	MO...		SI02.	86.
B.....	F..... 3.7	NA...	40.		
BA.....	FE+3....	NA+K.		S04..	15.
CA..... 16.	HC03.... 124.	NO3..	0.6		
CD.....	H2S.....	P04..	0.01		
CL..... 8.4					
CO.....	K..... 6.3				

REFERENCE AND IDENTIFICATION

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

RECORD 00210

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081254

NAME OF SAMPLE SOURCE... BELL BRAND INC. WELL
WELL/SPRING NUMBER..... 07S-05E-19-CCC 1

LOCATION
COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... LITTLE VALLEY 1:24000

COORDINATES
LAT/LONG... 42-47.62 N 115-54.80 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/23 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 37.
WELL DEPTH (M)..... 232.
DISCHARGE..... 4429. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.4
 SPECIFIC CONDUCTANCE..... 309.
 ALKALINITY..... 84. AS CAC03
 TOTAL DISSOLVED SOLIDS... 263.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		C03.....	N				
AL....		CR.....		MG...	0.1		
AU....		CU.....		MO...		SI02..	95.
B.....		F.....	12.	NA...	55.		
BA....		FE+3....		NA+K..		S04..	240.
CA....	7.7	HC03....	103.	N03..	0.24		
CL....	11.						
CO....		K.....	7.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... GRAHAM, 1966

RECORD 00211

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081244

NAME OF SAMPLE SOURCE... BELL BRAND RANCHES WELL
 WELL/SPRING NUMBER..... 07S-04E-25-ADC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 004E 25 SW OF SE NE LAT/LONG... 42-47.23 N 115-55.12 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/24 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 37.
 WELL DEPTH (M)..... 224.
 DISCHARGE..... 10220. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS AND JOINTED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.9
 SPECIFIC CONDUCTANCE..... 364.
 ALKALINITY..... 89. AS CAC03
 TOTAL DISSOLVED SOLIDS... 247.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		C03.....	N				
AL....		CR.....		MG...	0.1		
AU....		CU.....		MO...		SI02..	100.
B.....		F.....	15.	NA...	25.		
BA....		FE+3....		NA+K..		S04..	29.
CA....	6.8	HC03....	108.	N03..	0.58		
CO....		H2S.....		P04..	0.04		
CL....	11.						
CO....		K.....	6.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... YOUNG AND WHITEHEAD, 1973

RECORD 00212

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081233

NAME OF SAMPLE SOURCE... BILL BURGHARDT
WELL/SPRING NUMBER..... 07S-03E-04-ACD 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 003E 04 SE OF SW NE
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... CHALK HILLS 1:24000

COORDINATES
LAT/LONG... 42-50.69 N 116- 5.73 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/08 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 34.
WELL DEPTH (M)..... 245.
DISCHARGE..... 5299. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.4
SPECIFIC CONDUCTANCE..... 437.
ALKALINITY..... 175. AS CaCO3
TOTAL DISSOLVED SOLIDS... 343.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	2.8		
AU....	CU.....	MO...		SI02.	94.
B....	F..... 1.7	NA...	31.		
BA....	FE+3....	NA+K.		S04..	36.
CA.... 51.	HC03.... 214.	N03..	0.02		
CD....	H2S.....	P04..	0.02		
CL.... 7.2					
CO....	K..... 15.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1974

RECORD 00213

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081201

NAME OF SAMPLE SOURCE... BILL BURGHARDT WELL
WELL/SPRING NUMBER..... 05S-03E-20-8BB 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 003E 20 NW OF NW NW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... VINSON WASH 1:24000

COORDINATES
LAT/LONG... 42-58.92 N 116- 8.15 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/23 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 27.
DISCHARGE..... 7.6 L/MIN
PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1129.
 ALKALINITY..... 576. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 791.

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CR.....		MG...	3.9	
AU....	CU.....		MO...		SI02.. 110.
B.....	F.....	0.5	NA...	230.	
BA....	FE+3....		NA+K..		S04.. 6.7
CA....	HCO3....	703.	NO3..	3.6	
CD....	H2S.....		P04..	0.13	
CL....					
CO....	K.....	19.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00214

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BLAIN RAWLINS WELL #2
 WELL/SPRING NUMBER..... 07S-04E-23-CBB 1

GEO THERM FILE ID: 0081243

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 004E 23 NW OF NW SW
 STATE..... IDAHO
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1:24000

COORDINATES

LAT/LONG... 42-47.99 N 115-57.06 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/13 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 39.
 WELL DEPTH (M)..... 247.
 DISCHARGE..... L 15141. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS AND BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.4
 SPECIFIC CONDUCTANCE..... 352.
 ALKALINITY..... 99. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 292.

ANALYSIS IN MG/L

AG....	CO3.....	6.0			
AL....	CR.....		MG...	0.2	
AU....	CU.....		MO...		SI02.. 96.
B.....	F.....	10.	NA...	58.	
BA....	FE+3....		NA+K..		S04.. 36.
CA....	HCO3....	108.	NO3..	1.1	
CD....	H2S.....		P04..	N	
CL....					
CO....	K.....	8.7			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

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

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00215

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081227

NAME OF SAMPLE SOURCE... BRUNEAU CITY CEMETARY
WELL/SPRING NUMBER..... 06S-06E-19-0BD 1

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 06S 006E 19 SE OF NW SE
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... BRUNEAU 1:62500

COORDINATES
LAT/LONG... 42-53.14 N 115-46.91 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/18 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 42.
WELL DEPTH (M)..... 411.
PERTINENT LITHOLOGY..... PLIOCENE FRACTURED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 9.2
SPECIFIC CONDUCTANCE..... 421.
ALKALINITY..... 111. AS CaCO3
TOTAL DISSOLVED SOLIDS... 312.

ISOTOPES (0/00)

ANALYSIS IN MG/L
AG..... CO3..... 24.
AL..... CR..... MG... N
AU..... CU..... MO...
B..... F..... 26. NA... 94. SiO2. 84.
BA..... FE+3..... NA+K. S04.. 28.
CA..... 2.3 HC03..... 87. NO3.. 0.02
CL..... 10.
CO..... K..... 1.9

REFERENCE AND IDENTIFICATION

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

RECORD 00216

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081222

NAME OF SAMPLE SOURCE... BRUNEAU CITY WELL
WELL/SPRING NUMBER..... 06S-05E-24-0DB 1

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 06S 005E 24 NW OF SE SE
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... BRUNEAU 1:62500

COORDINATES
LAT/LONG... 42-53.05 N 115-48.04 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/25 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 33.
WELL DEPTH (M)..... 591.
PERTINENT LITHOLOGY..... PLIOCENE BASALT AND SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.0
 SPECIFIC CONDUCTANCE..... 418.
 ALKALINITY..... 121. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 326.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	10.			
AL....	CR.....		MG... N		
AU....	CU.....		MO... S102.	79.	
B....	F.....	25.	NA... 99.		
BA....	FE+3....		NA+K. S04..	35.	
CA....	2.8	HC03....	127.0	N03.. N	
CD....		H2S.....		P04.. 0.05	
CL....	11.				
CO....		K.....	2.3		

REFERENCE AND IDENTIFICATION

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

RECORD 00217

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081224

NAME OF SAMPLE SOURCE... CARL AND HARRY LODS WELL
 WELL/SPRING NUMBER..... 06S-05E-35-CCA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 005E 35 NE OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... BRUNEAU I:62500

LAT/LONG... 42-51.28 N 115-49.88 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/19 WHITEHEAD
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 140.
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.1
 SPECIFIC CONDUCTANCE..... 462.
 ALKALINITY..... 136. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 342.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CR.....		MG... 3.3		
AU....	CU.....		MO... S102.	73.	
B....	F.....	6.9	NA... 54.		
BA....	FE+3....		NA+K. S04..	66.	
CA....	73.	HC03....	166.	N03.. 0.17	
CD....		H2S.....		P04.. 0.02	
CL....	11.				
CO....		K.....	8.6		

REFERENCE AND IDENTIFICATION

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

RECORD 00218

GEO THERM FILE ID: 0081252

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CARL D. STEINER WELL
WELL/SPRING NUMBER..... 07S-05E-13-CBB 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 005E 13 NW OF NW SW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... SUGAR VALLEY 1:24000

COORDINATES
LAT/LONG... 42-48.88 N 115-48.95 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/21 WHITEHEAD R.
TEMPERATURE (C)..... 38.
WELL DEPTH (M)..... 596.
DISCHARGE..... 11356. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE FRACTURED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.7
SPECIFIC CONDUCTANCE..... 284.
ALKALINITY..... 79. AS CaCO3
TOTAL DISSOLVED SOLIDS... 233.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	5.0				
AL.....	CR.....		MG... N			
AU.....	CU.....		MO... N	SI02..	83.	
B.....	F.....	11.	NA... N	50.		
BA.....	FE+3.....		NA+K..	S04..	19.	
CA..... 6.7	HCO3.....	86.	N03..	0.13		
CD.....	H2S.....		P04..	0.04		
CL..... 9.0						
CO.....	K.....	7.1				

REFERENCE AND IDENTIFICATION

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

RECORD 00219

GEO THERM FILE ID: 0081231

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CARL JOHNSON
WELL/SPRING NUMBER..... 06S-07E-02-CDD 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 007E 02 SE OF SE SW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... INDIAN COVE 1:62500

COORDINATES
LAT/LONG... 42-55.49 N 115-42.43 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/25 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 36.
WELL DEPTH (M)..... 411.
DISCHARGE..... 19. L/MIN
PERTINENT LITHOLOGY..... TERTIARY QUATERNARY PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
SPECIFIC CONDUCTANCE..... 951.
ALKALINITY..... 429. AS CaCO3
TOTAL DISSOLVED SOLIDS... 623.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... N
AL..... CR..... MG... 0.5
AU..... CU..... MO... SI02. 75.
B..... F..... 7.6 NA... 210.
BA..... FE+3..... NA+K. S04.. 2.8
CA..... 5.8 HCO3..... 624. NO3.. 0.3
CD..... H2S..... P04.. 0.01
CL..... 56.
CO..... K..... 7.6

REFERENCE AND IDENTIFICATION

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

RECORD 00220

GEO THERM FILE ID: 0081191

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHARLES STEINER WELL
WELL/SPRING NUMBER..... 05S-01E-03-AA8 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 001E 03 NW OF NE NE LAT/LONG... 43- 1.48 N 116-19.03 W
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
MAP REFERENCE..... CASTLE BUTTE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/24 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 32.
WELL DEPTH (M)..... 579.
PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.8
SPECIFIC CONDUCTANCE..... 1229.
ALKALINITY..... 645. AS CaCO3
TOTAL DISSOLVED SOLIDS... 850.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... N
AL..... CR..... MG... 1.3
AU..... CU..... MO... SI02. 120.
B..... N F..... 0.5 NA... 260.
BA..... FE+3..... NA+K. S04.. 7.2
CA..... 27. HCO3..... 787. NO3.. N
CD..... H2S..... P04.. 0.22
CL..... 18.
CO..... K..... 29.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00221

GEO THERM FILE ID: 0081207

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHESTER TINDALL WELL
WELL/SPRING NUMBER..... 05S-05E-33-BBD 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 005E 33 SE OF NW NW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... BRUNEAU 1:62500

COORDINATES
LAT/LONG... 42-57.04 N 115-52.24 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/31 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 25.
WELL DEPTH (M)..... 207.
PERTINENT LITHOLOGY..... PLIOCENE BASALT AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.2
SPECIFIC CONDUCTANCE..... 1649.
ALKALINITY..... 348. AS CaCO3
TOTAL DISSOLVED SOLIDS... 1083.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N				
AL.....	CR.....		MG...	66.		
AU.....	CU.....		MO...		SI02.	40.
R.....	F.....	0.6	NA...	170.		
BA.....	FE+3.....		NA+K.		S04..	450.
CA.....	86.	HC03.....	425.	N03..	5.3	
CL.....	50.					
CO.....		K.....	6.9			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00222

GEO THERM FILE ID: 0081239

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CLARENCE COOK WELL
WELL/SPRING NUMBER..... 07S-04E-13-BCC 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 004E 13 SW OF SW NW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... LITTLE VALLEY 1:24000

COORDINATES
LAT/LONG... 42-48.92 N 115-56.02 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/26 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 39.
WELL DEPTH (M)..... 323.
DISCHARGE..... 5621. 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 CAC03
 TOTAL DISSOLVED SOLIDS... 246.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	6.0			
AL.....	CR.....		MG...	0.2	
AU.....	CU.....		MO...		SI02. 95.
B.....	F.....	9.0	NA...	49.	
BA.....	FE+3.....		NA+K.		S04.. 20.
CA..... 7.3	HCO3.....	89.	N03..	0.26	
CD.....	H2S.....		P04..	0.06	
CL..... 8.0					
CO.....	K.....	7.8			

REFERENCE AND IDENTIFICATION

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

RECORD 00223

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081197

NAME OF SAMPLE SOURCE... CLARENCE HOPKINS WELL
 WELL/SPRING NUMBER..... 05S-02E-02-CDA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 002E 02 NE OF SE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 MAP REFERENCE..... JACKASS BUTTE 1:24000

LAT/LONG... 43- 0.90 N 116-11.17 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/07 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 37.
 WELL DEPTH (M)..... 750.
 DISCHARGE..... 38. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.3
 SPECIFIC CONDUCTANCE..... 463.
 ALKALINITY..... 553. AS CAC03
 TOTAL DISSOLVED SOLIDS... 739.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	2.0	
AU.....	CU.....		MO...		SI02. 89.
B.....	F.....	6.4	NA...	250.	
BA.....	FE+3.....		NA+K.		S04.. 3.4
CA..... 9.9	HCO3.....	675.	N03..	0.78	
CD.....	H2S.....		P04..	0.06	
CL..... 25.					
CO.....	K.....	22.			

REFERENCE AND IDENTIFICATION

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

RECORD 00224

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081208

NAME OF SAMPLE SOURCE... CLAY ATKINS WELL
WELL/SPRING NUMBER..... 05S-05E-34-DDD 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 005E 34 SE OF SE SE
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... BRUNEAU 1:62500

COORDINATES
LAT/LONG... 42-56.39 N 115-50.23 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/31 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 25.
WELL DEPTH (M)..... 254.
PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.5
SPECIFIC CONDUCTANCE..... 1099.
ALKALINITY..... 512. AS CaCO3
TOTAL DISSOLVED SOLIDS... 688.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	12.	
AU.....	CU.....		MO...		SI02. 87.
B.....	F.....	0.6	NA...	190.	
BA.....	FE+3....		NA+K.		S04.. 12.
CA.... 29.	HC03....	625.	N03..	0.33	
CL.... 24.					
CO....	K.....	26.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00225

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081218

NAME OF SAMPLE SOURCE... COLYER CATTLE CO.
WELL/SPRING NUMBER..... 06S-05E-10-DDD 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 005E 10 SE OF SE SE
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... BRUNEAU 1:62500

COORDINATES
LAT/LONG... 42-54.70 N 115-50.33 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/05 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 39.
WELL DEPTH (M)..... 508.
DISCHARGE..... 15. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS AND PLIOCENE BASALT.

WATER ANALYSIS

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

PH..... 8.4
SPECIFIC CONDUCTANCE..... 508.
ALKALINITY..... 162. AS CaCO3
TOTAL DISSOLVED SOLIDS... 370.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG..... CO3..... 19. MG... 0.3
AL..... CR..... MO... SI02. 78.
AU..... CU..... NA... 120.
B..... F..... NA+K. S04.. 24.
BA..... FE+3..... N03.. 0.04
CA..... 2.6 HCO3..... 159. P04.. 0.02
CD..... H2S.....
CL..... 15. K..... 4.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG, 1972

RECORD 00226

GEOTHERM FILE ID: 0081257

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COLYER CATTLE CO. WELL #3
WELL/SPRING NUMBER..... 07S-06E-09-BAD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 06E 09 SE OF NE NW LAT/LONG... 42-50.05 N 115-44.84 W
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... HOT SPRING 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/05 YOUNG, BILL
TEMPERATURE (C)..... 51.
WELL DEPTH (M)..... 277.
DISCHARGE..... 579. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 9.4
SPECIFIC CONDUCTANCE..... 461.
ALKALINITY..... 120. AS CaCO3
TOTAL DISSOLVED SOLIDS... 337.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG..... CO3..... 43. MG... 0.3
AL..... CR..... MO... SI02. 100.
AU..... CU..... NA... 100.
B..... F..... NA+K. S04.. 27.
BA..... FE+3..... N03.. 0.06
CA..... 1.6 HCO3..... 59. P04.. 0.04
CD..... H2S.....
CL..... 10. K..... 2.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG, 1972

RECORD 00227

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081203

NAME OF SAMPLE SOURCE... COOKE GREENHOUSE WELL #1
 WELL/SPRING NUMBER..... 05S-03E-26-BCB 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 003E 26 NW OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 MAP REFERENCE..... GRANDVIEW 1:24000

COORDINATES
 LAT/LONG... 42-57.83 N 116- 4.54 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/07 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 84.
 WELL DEPTH (M)..... 905.
 DISCHARGE..... 1060. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS AND PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.3
 SPECIFIC CONDUCTANCE..... 509.
 ALKALINITY..... 125. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 390.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....	CO3.....	64.				
AL....	CR.....		MG... N			
AU....	CU.....		MO... N	SI02..	110.	
B.....	F.....	15.	NA... N	110.		
BA....	FE+3....		NA+K..	S04..	62.	
BR....	GE.....		NI... N	0.01		
CA....	2.1 HCO3....	22.				
CD....	H2S.....		P04.. N	0.02		
CL....	15.					
CO....	K.....	1.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1972

RECORD 00228

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081204

NAME OF SAMPLE SOURCE... COOKE GREENHOUSE WELL #2
 WELL/SPRING NUMBER..... 05S-03E-26-BCB 2

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 003E 26 NW OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... GRAND VIEW 1:24000

COORDINATES
 LAT/LONG... 42-57.83 N 116- 2.58 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/08 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 67.
 WELL DEPTH (M)..... 905.
 DISCHARGE..... 1741. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS AND PLIOCENE BASALTS (?)

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.3
 SPECIFIC CONDUCTANCE..... 527.
 ALKALINITY..... 120. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 378.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....	CO3.....	55.	MG...	0.1		
AL....	CR.....		MO...		SI02..	100.
AU....	CU.....		NA...	110.	S04..	64.
B.....	F.....	14.	NI...	0.03		
BA....	FE+3....		P04..	0.01		
BR....	GE.....					
CA....	HCO3....	35.				
CD....	H2S.....					
CL....	K.....	1.5				
CO....						

REFERENCE AND IDENTIFICATION

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

RECORD 00229

GEO THERM FILE ID: 0081267

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CORPS OF ENGINEERS WELL
 WELL/SPRING NUMBER..... 09S-05E-04-BDA 1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 09S 005E 04 NE OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 MAP REFERENCE..... BIG HILL 1:62500

LAT/LONG... 42-40.55 N 115-52.48 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/05/05 SWANSON
 TEMPERATURE (C)..... 52.
 WELL DEPTH (M)..... 762.
 DISCHARGE..... 908. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.5
 SPECIFIC CONDUCTANCE..... 402.
 ALKALINITY..... 109. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 160.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....	CO3.....	37.	MG...	N		
AL....	CR.....		MO...		SI02..	78.
AU....	CU.....		NA...	92.	S04..	27.
B.....	F.....	20.	NO3..	0.1		
BA....	FE+3....					
CA....	HCO3....	58.				
CL....	K.....	0.9				
CO....						

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... SWANSON, 1977

RECORD 00230

GEOTHERM FILE ID: 0081198

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COX AND LAWRENCE WELL
WELL/SPRING NUMBER..... 05S-02E-05-BCD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 002E 05 SE OF SW NW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... CASTLE BUTTE 1:24000

LAT/LONG... 43- 2.05 N 116-15.07 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/05 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 43.
WELL DEPTH (M)..... 612.
DISCHARGE..... 75. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 9.3
SPECIFIC CONDUCTANCE..... 684.
ALKALINITY..... 308. AS CaCO3
TOTAL DISSOLVED SOLIDS... 494.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	75.				
AL....	CR.....		MG...	1.1		
AU....	CU.....		MO...		SI02.	110.
B....	F.....	8.6	NA...	150.		
BA....	FE+3....		NA+K.		S04..	8.1
CA....	5.2	HC03....	223.	N03..	N	
CD....		H2S.....		P04..		0.04
CL....	20.					
CO....		K.....	6.7			

REFERENCE AND IDENTIFICATION

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

RECORD 00231

GEOTHERM FILE ID: 0081245

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAVE LAHTINEN WELL
WELL/SPRING NUMBER..... 07S-04E-27-BCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 004E 27 SW OF SW NW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... LITTLE VALLEY 1:24000

LAT/LONG... 42-47.16 N 115-58.35 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/10 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 31.
WELL DEPTH (M)..... 424.
DISCHARGE..... 776. L/MIN

PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.0
SPECIFIC CONDUCTANCE..... 292.
ALKALINITY..... 89. AS CAC03
TOTAL DISSOLVED SOLIDS... 251.

ISOTOPES (0/00)

ANALYSIS IN MG/L
AG..... C03..... N
AL..... CR..... MG... 1.3
AU..... CU..... MO...
B..... F..... 6.6 NA... 46. SI02.. 76.
BA..... FE+3..... NA+K.. S04.. 28.
CA..... 16. HC03..... 109. N03.. 1.9
CD..... H2S..... P04.. 0.06
CL..... 14.
CO..... K..... 7.7

REFERENCE AND IDENTIFICATION

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

RECORD 00232

GEOTHERM FILE ID: 0081240

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAVE LATHINEN WELL
WELL/SPRING NUMBER..... 07S-04E-13-DCD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 004E 13 SE OF SW SE LAT/LONG... 42-48.49 N 115-55.16 W
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... LITTLE VALLEY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/30 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 40.
WELL DEPTH (M)..... 305.
DISCHARGE..... G 3785. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.7
SPECIFIC CONDUCTANCE..... 261.
ALKALINITY..... 84. AS CAC03
TOTAL DISSOLVED SOLIDS... 255.

ISOTOPES (0/00)

ANALYSIS IN MG/L
AG..... C03..... 11.
AL..... CR..... MG... 0.1
AU..... CU..... MO... SI02.. 97.
B..... F..... 11. NA... 53.
BA..... FE+3..... NA+K.. S04.. 19.
CA..... 8.7 HC03..... 80. N03.. 0.25
CD..... H2S..... P04.. 0.02
CL..... 9.0
CO..... K..... 7.5

REFERENCE AND IDENTIFICATION

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

RECORD 00233

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081248

NAME OF SAMPLE SOURCE... DAVIS BROTHERS WELL #1
 WELL/SPRING NUMBER..... 07S-05E-07-ARB 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 005E 07 NW OF NW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1:24000

COORDINATES
 LAT/LONG... 42-50.20 N 115-54.26 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/06 YOUNG, BILL
 TEMPERATURE (C)..... 39.
 WELL DEPTH (M)..... 495.
 DISCHARGE..... 11924.
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 279.
 ALKALINITY..... 79. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 242.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N				
AL.....	CR.....		MG...	0.2		
AU.....	CU.....		MO...		SI02.	91.
R.....	F.....	9.7	NA...	51.		
BA.....	FE+3.....		NA+K.		S04..	17.
CA.....	8.5	HCO3.....	96.	N03..	0.95	
CD.....		H2S.....		P04..	0.04	
CL.....	9.8					
CO.....		K.....	7.4			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1972

RECORD 00234

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081249

NAME OF SAMPLE SOURCE... DAVIS BROTHERS WELL #2
 WELL/SPRING NUMBER..... 07S-05E-08-CCC 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 005E 08 SW OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1:24000

COORDINATES
 LAT/LONG... 42-49.43 N 115-53.62 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/21 YOUNG, BILL
 TEMPERATURE (C)..... 40.

WELL DEPTH (M)..... 457.
DISCHARGE..... 38. L/MIN
PERTINENT 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... 248.

ANALYSIS IN MG/L

AG.... CO3..... 11.
AL.... CR..... MG... 0.1
AU.... CU..... MO... S102. 90.
B.... F..... 11. NA... 55.
BA.... FE+3..... NA+K. S04.. 19.
CA.... 5.9 HCO3..... 81. NO3.. 0.25
CD.... H2S..... P04.. 0.01
CL.... 9.3
CO.... K..... 6.9

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

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

RECORD 00235

GEO THERM FILE ID: 0081217

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DICK WARD WELL
WELL/SPRING NUMBER..... 06S-04E-35-CDA 1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 04E 35 NE OF SE SW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... LITTLE VALLEY 1:24000

COORDINATES

LAT/LONG... 42-51.28 N 115-56.62 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/26 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 33.
WELL DEPTH (M)..... 291.
DISCHARGE..... 11924. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.5
SPECIFIC CONDUCTANCE..... 273.
ALKALINITY..... 79. AS CaCO3
TOTAL DISSOLVED SOLIDS... 244.

ANALYSIS IN MG/L

AG.... CO3..... N
AL.... CR..... MG... 0.1
AU.... CU..... MO... S102. 96.
B.... F..... 8.0 NA... 47.
BA.... FE+3..... NA+K. S04.. 24.
CA.... 4.6 HCO3..... 96. NO3.. N
CD.... H2S..... P04.. 0.04
CL.... 9.0

ISOTOPES (0/00)

CO..... K..... 8.9
REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1976

RECORD 00236

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081223

NAME OF SAMPLE SOURCE... DON DAVIS WELL #1
 WELL/SPRING NUMBER..... 06S-05E-29-DCC 1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 005E 29 SW OF SW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1:24000

COORDINATES

LAT/LONG... 42-52.00 N 115-53.08 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/05 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 33.
 WELL DEPTH (M)..... 475.
 PERTINENT LITHOLOGY..... PLYOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 435.
 ALKALINITY..... 103. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 358.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... 4.0
 AL..... CR..... MG... 0.3
 AU..... CU..... MO... SI02. 120.
 B..... F..... 19. NA... 87.
 BA..... FE+3..... NA+K. S04.. 42.
 CA..... 7.1 HC03..... 117. N03.. 0.05
 CD..... H2S..... P04.. 0.04
 CL..... 15.
 CO..... K..... 6.3

REFERENCE AND IDENTIFICATION

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

RECORD 00237

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081192

NAME OF SAMPLE SOURCE... E. LAWRENCE WELL
 WELL/SPRING NUMBER..... 05S-01E-10-BDD 1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 001E 10 SE OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 MAP REFERENCE..... CASTLE BUTTE 1:24000

COORDINATES

LAT/LONG... 43- 0.31 N 116-19.45 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/05 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 64.

WELL DEPTH (M)..... 902.
 DISCHARGE..... 5519. L/MIN
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.3
 SPECIFIC CONDUCTANCE..... 514.
 ALKALINITY..... 133. AS CAC03
 TOTAL DISSOLVED SOLIDS... 335.

ANALYSIS IN MG/L

AG....		CO3.....	49.			
AL....		CR.....		MG... N		
AU....		CU.....		MO... S102.	83.	
P....		F.....	15.	NA... 100.		
BA....		FE+3....		NA+K. S04..	42.	
CA....	2.2	HC03....	63.	N03.. N		
CD....		H2S.....		P04.. 0.01		
CL....	13.					
CO....		K.....	0.7			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00238

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... E. LAWRENCE WELL #2
 WELL/SPRING NUMBER..... 05S-01E-24-ACD 1

GEOHERM FILE ID: 0081194

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... ROUGH MOUNTAIN NE 1:24000

TOWNSHIP-RANGE

05S 001E 24 NW OF SW SE
 B&M: BOISE

COORDINATES

LAT/LONG... 42-58.52 N 116-16.79 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/24 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 66.
 WELL DEPTH (M)..... 951.
 DISCHARGE..... 4701.
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 459.
 ALKALINITY..... 132. AS CAC03
 TOTAL DISSOLVED SOLIDS... 341.

ANALYSIS IN MG/L

AG....		CO3.....	31.			
AL....		CR.....		MG... 0.1		
AU....		CU.....		MO... S102.	82.	
B....		F.....	14.	NA... 100.		
BA....		FE+3....		NA+K. S04..	45.	
CA....	1.2	HC03....	105.	N03.. 0.04		
CD....		H2S.....		P04.. 0.23		
CL....	13.					

ISOTOPES (0/00)

CO..... K..... 0.8
REFERENCE AND IDENTIFICATION
COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00239

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081195

NAME OF SAMPLE SOURCE... E. LAWRENCE WELL #3
WELL/SPRING NUMBER..... 05S-01E-24-ACD 1
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... IDAHO 05S 001E 24 SE OF SW NE
COUNTY..... OWYHEE R&M: BOISE
MAP REFERENCE..... ROUGH MOUNTAIN NE 1:24000

COORDINATES
LAT/LONG... 42-58.52 N 116-16.79 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/09 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 65.
WELL DEPTH (M)..... 756.
DISCHARGE..... 341. L/MIN
PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 9.3
SPECIFIC CONDUCTANCE..... 463.
ALKALINITY..... 138. AS CaCO3
TOTAL DISSOLVED SOLIDS... 338.

ISOTOPES (0/00)

ANALYSIS IN MG/L
AG..... CO3..... 39.
AL..... CR..... MG... N
AU..... CU..... MO...
B..... F..... 15. NA... 100.
BA..... FE+3..... NA+K. SIO2. 89.
CA..... 1.1 HCO3..... 82. NO3.. 0.78
CD..... H2S..... PO4.. 0.01
CL..... 14.
CO..... K..... 1.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00240

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081183

NAME OF SAMPLE SOURCE... EARL FOOTE WELL
WELL/SPRING NUMBER..... 01S-02W-07-CCB 1
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... IDAHO 01S 002W 07 NW OF SW SW
COUNTY..... OWYHEE R&M: BOISE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... WILSON PEAK 1:24000

COORDINATES
LAT/LONG... 43-20.80 N 116-37.65 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/05 ROSS

TEMPERATURE (C)..... 46.
WELL DEPTH (M)..... 518.
DISCHARGE..... 544. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY BASALT AND QUATERNARY - TERTIARY SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.7
SPECIFIC CONDUCTANCE..... 646.
ALKALINITY..... 173. AS CaCO3
TOTAL DISSOLVED SOLIDS... 334.

ANALYSIS IN MG/L

AG.... CO3..... 12.
AL.... CR..... MG... N
AU.... CU..... MO... SI02.. 32.
B..... F..... 11. NA... 120.
BA.... FE+3..... NA+K.. S04.. 45.
CA.... 1.9 HC03..... 187. N03.. 0.04
CD.... H2S..... P04.. 0.01
CL.... 19.
CO.... K..... 1.2

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... ROSS, 1971

RECORD 00241

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ELMER JOHNSTON WELL
WELL/SPRING NUMBER..... 05S-01E-21-CBC 1

GEOHERM FILE ID: 0081193

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 001E 21 SW OF NW SW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
MAP REFERENCE..... ROUGH MOUNTAIN NE 1:24000

COORDINATES

LAT/LONG... 42-58.37 N 116-21.04 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/06 YOUNG & WHITEHEAD
TEMPERATURE (C)..... 65.
WELL DEPTH (M)..... 201.
DISCHARGE..... 3615. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE BASALTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 9.2
SPECIFIC CONDUCTANCE..... 463.
ALKALINITY..... 130. AS CaCO3
TOTAL DISSOLVED SOLIDS... 327.

ANALYSIS IN MG/L

AG.... CO3..... 50.
AL.... CR..... MG... N
AU.... CU..... MO... SI02.. 77.
B..... F..... 15. NA... 100.
BA.... FE+3..... NA+K.. S04.. 42.
CA.... 1.3 HC03..... 57. N03.. 0.05
CD.... H2S..... P04.. 0.02
CL.... 13.

ISOTOPES (0/00)

CO..... K..... 0.7
REFERENCE AND IDENTIFICATION
COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD

RECORD 00242

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081238

NAME OF SAMPLE SOURCE... FARIA BROTHERS
WELL/SPRING NUMBER..... 07S-04E-12-BDD 1
LOCATION
COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... LITTLE VALLEY 1:24000

TOWNSHIP-RANGE

07S 004E 12 SE OF SE NW
B&M: BOISE
COORDINATES
LAT/LONG... 42-49.84 N 115-55.55 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/21 YOUNG, BILL
TEMPERATURE (C)..... 43.
WELL DEPTH (M)..... 337.
DISCHARGE..... 5602.
PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.7
SPECIFIC CONDUCTANCE..... 293.
ALKALINITY..... 79. AS CaCO3
TOTAL DISSOLVED SOLIDS... 243.

ANALYSIS IN MG/L

AG..... CO3..... N
AL..... CR..... MG... 0.1
AU..... CU..... MO...
B..... F..... 8.7 NA... 51. SI02. 96.
BA..... FE+3..... NA+K. S04.. 17.
CA..... 7.0 HCO3..... 97. NO3.. 0.29
CD..... H2S..... P04.. 0.04
CL..... 8.4
CO..... K..... 7.0

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

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

RECORD 00243

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081241

NAME OF SAMPLE SOURCE... FRANK MILLET WELL #2
WELL/SPRING NUMBER..... 07S-04E-14-ABC 1
LOCATION
COUNTRY..... UNITED STATES
STATE..... IDAHO
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... LITTLE VALLEY 1:24000

TOWNSHIP-RANGE

07S 004E 14 SW OF NW NE
B&M: BOISE
COORDINATES
LAT/LONG... 42-49.13 N 115-56.60 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/12 YOUNG, BILL
 TEMPERATURE (C)..... 39.
 WELL DEPTH (M)..... 349.
 DISCHARGE..... 20440. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 359.
 ALKALINITY..... 85. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 240.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	0.1		
AU.....		CU.....		MO...		SI02.	96.
B.....		F.....	6.0	NA...	45.		
BA.....		FE+3....		NA+K..		S04..	18.
CA.....	7.2	HC03....	104.	NO3..	1.2		
CD.....		H2S.....		P04..	0.04		
CL.....	8.1						
CO.....		K.....	7.8				

REFERENCE AND IDENTIFICATION

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

RECORD 00244

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081237

NAME OF SAMPLE SOURCE... FRANK MILLETT WELL #1
 WELL/SPRING NUMBER..... 07S-04E-11-CBC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 004E 11 SW OF NW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1:24000

LAT/LONG... 42-49.57 N 115-57.20 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/12 YOUNG
 TEMPERATURE (C)..... 36.
 WELL DEPTH (M)..... 457.
 DISCHARGE..... 11924. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.3
 SPECIFIC CONDUCTANCE..... 312.
 ALKALINITY..... 93. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 273.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	0.3		
AU.....		CU.....		MO...		SI02.	99.
B.....		F.....	8.2	NA...	45.		
BA.....		FE+3....		NA+K..		S04..	30.
CA.....	16.	HC03....	113.	NO3..	1.3		

CD..... H2S..... P04.. 0.03
 CL..... 9.3
 CO..... K..... 9.0

REFERENCE AND IDENTIFICATION

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

RECORD 00245

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081255

NAME OF SAMPLE SOURCE... GENE TINDALL WELL
 WELL/SPRING NUMBER..... 07S-05E-28-ACD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 005E 28 SE OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... SUGAR VALLEY 1:24000

LAT/LONG... 42-47.29 N 115-51.68 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/24 YOUNG, BILL
 TEMPERATURE (C)..... 34.
 WELL DEPTH (M)..... 306.
 DISCHARGE..... L 5299. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 297.
 ALKALINITY..... 79. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 256.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3..... N				
AL.....	CR.....	MG...	0.3		
AU.....	CU.....	MO...		SI02.	94.
B.....	F..... 11.	NA...	52.		
BA.....	FE+3.....	NA+K.		S04..	24.
CA..... 8.3	HCO3..... 97.	N03..	0.23		
CD.....	H2S.....	P04..	0.01		
CL..... 9.5					
CO.....	K..... 9.2				

REFERENCE AND IDENTIFICATION

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

RECORD 00246

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081221

NAME OF SAMPLE SOURCE... GEORGE HUTCHISON WELL
 WELL/SPRING NUMBER..... 06S-05E-24-BCA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 005E 24 NE OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU

LAT/LONG... 42-53.38 N 115-48.68 W

MAP REFERENCE..... BRUNEAU 1:62500
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/06/25 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 34.
 WELL DEPTH (M)..... 334.
 DISCHARGE..... 151. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.1
 SPECIFIC CONDUCTANCE..... 509.
 ALKALINITY..... 157. AS CAC03
 TOTAL DISSOLVED SOLIDS... 379.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		C03.....	31.				
AL.....		CR.....		MG...	N		
AU.....		CU.....		MO...		SI02.	89.
B.....		F.....	27.	NA...	120.	S04..	28.
BA.....		FE+3....		NA+K.			
CA.....	3.6	HCO3.....	149.				
CD.....		H2S.....		P04..	0.02		
CL.....	13.						
CO.....		K.....	4.6				

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

RECORD 00247

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081190

NAME OF SAMPLE SOURCE... GEORGE KING WELL
 WELL/SPRING NUMBER..... 04S-01E-34-BAD 1

LOCATION

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	04S 001E 34 SE OF NE NW
STATE.....	IDAHO		B&M: BOISE
COUNTY.....	OWYHEE		
GEOLOGIC PROVINCE..	COLUMBIA PLATEAU		

COORDINATES
 LAT/LONG... 43- 2.24 N 116-19.41 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/09 YOUNG, RILL
 TEMPERATURE (C)..... 76.
 WELL DEPTH (M)..... 908.
 DISCHARGE..... 12113. L/MIN
 PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS AND PLIOCENE BASALT.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.7
 SPECIFIC CONDUCTANCE..... 463.0
 ALKALINITY..... 136. AS CAC03
 TOTAL DISSOLVED SOLIDS... 188.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		C03.....	33.				
AL.....		CR.....		MG...	0.2		
AU.....		CU.....		MO...		SI02.	83.
B.....		F.....	12.	NA...	98.	S04..	40.
BA.....		FE+3....		NA+K.			

CA.... 1.1 HCO3.... 108. NO3.. 0.05
 CD.... H2S..... P04.. 0.03
 CL.... 12.
 CO.... K..... 0.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... RALSTON AND CHAPMAN, 1969

RECORD 00248

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081256

NAME OF SAMPLE SOURCE... GEORGE TURNER WELL
 WELL/SPRING NUMBER..... 07S-06E-07-AAC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 006E 07 SW OF NE NE
 STATE..... IDAHO R&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... SUGAR VALLEY 1:24000

LAT/LONG... 42-50.00 N 115-46.88 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/19 WHITEHEAD, R.
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 331.
 DISCHARGE..... 38. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.2
 SPECIFIC CONDUCTANCE..... 310.
 ALKALINITY..... 92. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 269.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3.....	16.	MG...	0.1		
AL....	CR.....		MO...		SI02.	100.
AU....	CU.....		NA...	61.	S04..	23.
B.....	F.....	10.	NO3..	0.01		
BA....	FE+3....		P04..	0.03		
CA.... 2.8	HCO3....	80.				
CD....	H2S.....					
CL.... 10.						
CO....	K.....	6.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... R. WHITEHEAD, 1973

RECORD 00249

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081181

NAME OF SAMPLE SOURCE... GIVENS HOT SPRINGS
 WELL/SPRING NUMBER..... 01N-03W-21-BBD 1S
 WARING NUMBER..... 159

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 003W 21 SE OF NW NW
 STATE..... IDAHO R&M: BOISE

LAT/LONG... 43-24.82 N 116-42.39 W

COUNTY..... OWYHEE
 MAP REFERENCE..... GIVENS HOT SPRINGS 1:24000
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1957/05/10 ROSS
 TEMPERATURE (C)..... 47.
 DISCHARGE..... 132. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.2
 SPECIFIC CONDUCTANCE..... 582.
 ALKALINITY..... 181. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 380.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3.....	35.			
AL.....	CR.....		MG...	N	
AU.....	CU.....		MO...		SI02. 75.
B..... N	F.....	14.	NA...	126.	
BA.....	FE+3.....		NA+K.		S04.. 31.
CA..... 1.0	HCO3.....	150.	NO3..	0.2	
CD.....	H2S.....		P04..	N	
CL..... 23.					
CO.....	K.....	1.4			

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00250

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081188

NAME OF SAMPLE SOURCE... GOLDEN CHRISTENSEN WELL
 WELL/SPRING NUMBER..... 04S-02E-29-DBC 1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 002E 29 SW OF NW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 MAP REFERENCE..... JACKASS BUTTE 1:24000

COORDINATES
 LAT/LONG... 43- 2.70 N 116-14.56 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/07/27 YOUNG
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 823.
 DISCHARGE..... 95. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 1380.
 ALKALINITY..... 828. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1014.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3.....	N			
AL.....	CR.....		MG...	6.9	
AU.....	CU.....		MO...		SI02. 100.
B..... N	F.....	0.3	NA...	330.	
BA.....	FE+3.....		NA+K.		S04.. 4.5

CA.... 21. HC03.... 1010. N03.. N
 CD.... H2S..... P04.. N
 CL.... 31.
 CO.... K..... 24.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00251

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081246

NAME OF SAMPLE SOURCE... GUTHERIES RANCH WELL
 WELL/SPRING NUMBER..... 07S-04E-26-BCB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 004E 26 NW OF SW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1:24000

LAT/LONG... 42-47.29 N 115-57.17 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/10 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 31.
 WELL DEPTH (M)..... 264.
 DISCHARGE..... 5678. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS AND JOINTED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 300.
 ALKALINITY..... 84. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 251.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	0.4		
AU....	CU.....	MO...		SI02.	91.
B....	F..... 8.2	NA...	45.		
BA....	FE+3....	NA+K.		S04..	22.
CA.... 13.	HC03.... 103.	N03..	0.82		
CD....	H2S.....	P04..	0.05		
CL.... 12.					
CO....	K..... 8.3				

REFERENCE AND IDENTIFICATION

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

RECORD 00252

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081250

NAME OF SAMPLE SOURCE... HARRY LOOS WELL
 WELL/SPRING NUMBER..... 07S-05E-09-DDD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 005E 09 SE OF SE SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE

LAT/LONG... 42-25.37 N 115-51.38 W

GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... SUGAR VALLEY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/14 YOUNG
 TEMPERATURE (C)..... 40.
 WELL DEPTH (M)..... 629.
 DISCHARGE..... 13249. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE JOINTED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 290.
 ALKALINITY..... 85. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 247.

ANALYSIS IN MG/L

AG.....	CO3.....	9.0				
AL.....	CR.....		MG...	0.5		
AU.....	CU.....		MO...		SI02.	89.
B.....	F.....	11.	NA...	50.		
BA.....	FE+3.....		NA+K.		S04..	18.
CA.....	12. HCO3.....	85.	NO3..	0.71		
CD.....	H2S.....		P04..	N		
CL.....	9.0					
CO.....	K.....	6.8				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

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

RECORD 00253

 GEOTHERM FILE ID: 0081199

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HENRY DRISCOLL #1
 WELL/SPRING NUMBER..... 05S-02E-13-ADA 1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... VINSON WASH 1:24000

TOWNSHIP-RANGE

05S 002E 13 NE OF SE NE
 B&M: BOISE

COORDINATES

LAT/LONG... 42-59.56 N 116- 9.50 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/22 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 533.
 DISCHARGE..... 19. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS AND BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1239.
 ALKALINITY..... 629. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 825.

ANALYSIS IN MG/L

AG.....	CO3.....	N				
AL.....	CR.....		MG...	2.6		
AU.....	CU.....		MO...		SI02.	110.

ISOTOPES (0/00)

R..... F..... 1.5 NA... 260.
 BA..... FE+3..... NA+K. 504.. 3.2
 CA..... 13. HCO3..... 767. NO3.. N
 CD..... H2S..... P04.. 0.1
 CL..... 30.
 CO..... K..... 28.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00254

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081259

NAME OF SAMPLE SOURCE... HOT SPRINGS RANCH WELL
 WELL/SPRING NUMBER..... 07S-06E-21-DBC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES
 LAT/LONG... 42-47.87 N 115-44.80 W

COUNTRY..... UNITED STATES 07S 006E 21 SW OF NW SE
 STATE..... IDAHO R&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... HOT SPRING 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/14 YOUNG, BILL
 TEMPERATURE (C)..... 43.
 WELL DEPTH (M)..... 232.
 PERTINENT LITHOLOGY..... PLIOCENE JOINTED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 287.
 ALKALINITY..... 86. AS CAC03
 TOTAL DISSOLVED SOLIDS... 237.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... C03..... 7.0
 AL.... CR..... MG... 0.3
 AU.... CU..... MO... SI02. 82.
 B..... F..... 12. NA... 54.
 BA.... FE+3..... NA+K. 504.. 18.
 CA.... 5.9 HCO3..... 91. NO3.. 0.28
 CD.... H2S..... P04.. N
 CL.... 9.0
 CO.... K..... 4.6

REFERENCE AND IDENTIFICATION

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

RECORD 00255

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081206

NAME OF SAMPLE SOURCE... IDAHO POWER CO. WELL
 WELL/SPRING NUMBER..... 05S-04E-34-CCB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES
 LAT/LONG... 42-56.55 N 115-58.51 W

COUNTRY..... UNITED STATES 05S 004E 34 NW OF SW SW
 STATE..... IDAHO R&M: BOISE

COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... MOUTH OF BRUNEAU 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/20 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 27.
WELL DEPTH (M)..... 109.
PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.3
SPECIFIC CONDUCTANCE..... 845.
ALKALINITY..... 186. AS CaCO3
TOTAL DISSOLVED SOLIDS... 653.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 7.8
AU.... CU..... MO... SI02. 94.
B..... F..... 1.7 NA... 83.
BA.... FE+3..... NA+K. S04.. 240.
CA.... 85. HCO3.... 227. NO3.. N
CD.... H2S..... P04.. 0.03
CL.... 18.
CO.... K..... 12.

REFERENCE AND IDENTIFICATION

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

RECORD 00256

GEOTHERM FILE ID: 0081225

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... IDAHO STATE PARKS (BRUNEAU SAND DUNES)
WELL/SPRING NUMBER..... 06S-06E-12-CCD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 06E 19 SE OF SW SW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... SAND DUNES 1:24000

LAT/LONG... 42-54.65 N 115-41.63 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/06 YOUNG
TEMPERATURE (C)..... 37.
WELL DEPTH (M)..... 302.
DISCHARGE..... 500. L/MIN

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.2
SPECIFIC CONDUCTANCE..... 842.
ALKALINITY..... 404. AS CaCO3
TOTAL DISSOLVED SOLIDS... 599.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 0.6
AU.... CU..... MO... SI02. 120.
B..... F..... 5.9 NA... 180.

BA.....		FE+3.....		NA+K.		S04..	3.6
CA.....	12.	HC03.....	493.	N03..	3.0		
CD.....		H2S.....		P04..	0.07		
CL.....	19.						
CO.....		K.....	15.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1973 (DRILLERS LOG) 1926

RECORD 00257

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081266

NAME OF SAMPLE SOURCE... INDIAN HOT SPRINGS
 WELL/SPRING NUMBER..... 08S-06E-03-BDD 1S
 WARING NUMBER..... 167

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	08S 006E 03 SE OF SE NW	LAT/LONG...	42-45.70 N 115-44.30 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	OWYHEE			
GEOLOGIC PROVINCE..	COLUMBIA PLATEAU			
MAP REFERENCE.....	HOT SPRING 1:24000			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/05 YOUNG, BILL
 TEMPERATURE (C)..... 39.
 DISCHARGE..... 2922. L/MIN
 PERTINENT LITHOLOGY..... TUFF CONTACT WITH TERTIARY BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.7
 SPECIFIC CONDUCTANCE..... 300.
 ALKALINITY..... 101. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 245.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	5.0	MG...	0.6		
AL.....	CR.....		MO...		SI02.	87.
AU.....	CU.....		NA...	53.		
B.....	F.....	6.0	NA+K.		S04..	15.
BA.....	FE+3.....		N03..	0.66		
CA.....	6.5	HC03.....	118.	P04..	0.06	
CD.....		H2S.....				
CL.....	9.1					
CO.....		K.....	6.7			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG, 1972

RECORD 00258

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081268

NAME OF SAMPLE SOURCE... INDIAN HOT SPRINGS
 WELL/SPRING NUMBER..... 12S-07E-33-C 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	12S 007E 33 SW	LAT/LONG...	42-20.00 N 115-39.00 W
STATE.....	IDAHO	B&M: BOISE		

COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1972/06/02 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 71.
 PERTINENT LITHOLOGY..... TERTIARY BASALT AND SILICIC VOLCANIC ROCKS.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 360.
 ALKALINITY..... 105. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 261.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... CO3..... 30.
 AL.... CR..... MG... N
 AU.... CU..... MO... SI02. 75.
 B.... F..... 14. NA... 75.
 BA.... FE+3.... NA+K. S04.. 24.
 CA.... 1.5 HC03.... 67. N03.. 0.06
 CD.... H2S..... P04.. 0.04
 CL.... 8.4
 CO.... K..... 0.6

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00259

GEOTHERM FILE ID: 0081219

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... J.R. SIMPLOT CO.
 WELL/SPRING NUMBER..... 06S-05E-18-CCB 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 005E 18 NW OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... GRAND VIEW 1:24000

COORDINATES
 LAT/LONG... 42-53.93 N 115-54.94 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/06/06 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 892.
 PERTINENT LITHOLOGY..... PLIOCENE BASALT AND SILICIC VOLCANIC ROCKS.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 520.
 ALKALINITY..... 118. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 387.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... CO3..... 25.
 AL.... CR..... MG... 0.1
 AU.... CU..... MO... SI02. 120.
 B.... F..... 13. NA... 100.
 BA.... FE+3.... NA+K. S04.. 52.
 CA.... 3.9 HC03.... 93. N03.. 0.13

CD..... H2S..... P04.. 0.03
 CL..... 20.
 CO..... K..... 7.3

REFERENCE AND IDENTIFICATION

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

RECORD 00260

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081220

NAME OF SAMPLE SOURCE... J.R. SIMPLOT WELL #2
 WELL/SPRING NUMBER..... 06S-05E-20-AAB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06E 005E 20 NW OF NE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... GRAND VIEW 1:24000

LAT/LONG... 42-53.70 N 115-52.76 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/30 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 44.
 DISCHARGE..... 3.8 L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 562.
 ALKALINITY..... 192. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 339.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3.....	18.	MG...	0.1		
AL.....	CR.....		MO...		SI02.	59.
AU.....	CU.....		NA...	110.	S04..	3.7
B.....	F.....	24.	NA+K.			
BA.....	FE+3.....		N03..	N		
CA..... 4.7	HCO3.....	193.	P04..	0.04		
CD.....	H2S.....					
CL..... 17.						
CO.....	K.....	5.6				

REFERENCE AND IDENTIFICATION

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

RECORD 00261

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081213

NAME OF SAMPLE SOURCE... JAMES AGENBROAD WELL
 WELL/SPRING NUMBER..... 06S-03E-05-CAC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 003E 05 SW OF NE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... VINSON WASH 1:24000

LAT/LONG... 42-55.78 N 116- 7.81 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/04 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 61.
 WELL DEPTH (M)..... 1097.
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 320.
 ALKALINITY..... 84. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 252.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	12.				
AL....		CR.....		MG... N			
AU....		CU.....		MO... S102..	94.		
B.....		F.....	11.	NA... 59.			
BA....		FE+3....		NA+K.. S04..	20.		
CA....	4.6	HC03....	78.	N03... 0.08			
CD....		H2S.....		P04... 0.01			
CL....	9.7						
CO....		K.....	3.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00262

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081264

NAME OF SAMPLE SOURCE... JAMES PRESCOTT WELL
 WELL/SPRING NUMBER..... 07S-06E-27-ADB 1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 006E 27 NW OF SE NE
 STATE..... IDAHO R&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... HOT SPRING 1:24000

COORDINATES

LAT/LONG... 42-47.33 N 115-43.33 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/19 YOUNG, BILL
 TEMPERATURE (C)..... 43.0
 WELL DEPTH (M)..... 122.
 DISCHARGE..... 2044. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.2
 SPECIFIC CONDUCTANCE..... 287.
 ALKALINITY..... 106. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 246.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG... 1.1			
AU....		CU.....		MO... S102..	84.		
B.....		F.....	5.4	NA... 48.			
BA....		FE+3....		NA+K.. S04..	17.		
CA....	12.	HC03....	129.	N03... 0.59			

CD..... H2S..... P04.. 0.03
 CL..... 8.6
 CO..... K..... 6.2

REFERENCE AND IDENTIFICATION

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

RECORD 00263

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081265

NAME OF SAMPLE SOURCE... JEAN PRESCOTT (HOT SPRINGS)
 WELL/SPRING NUMBER..... 07S-06E-34-DCB 1
 WARNING NUMBER..... 166

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 006E 34 NW OF SW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... HOT SPRING 1:24000

LAT/LONG... 42-46.04 N 115-43.63 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/19 WHITEHEAD, R.
 TEMPERATURE (C)..... 41.
 DISCHARGE..... G 30. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE JOINTED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.1
 SPECIFIC CONDUCTANCE..... 288.
 ALKALINITY..... 94. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 242.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	6.0	MG...	0.3		
AL....	CR.....		MO...		SI02..	83.
AU....	CU.....		NA...	55.	S04..	18.
B.....	F.....	8.5	NA+K..			
BA....	FE+3....		N03..	0.46		
CA....	HCO3....	103.	P04..	0.03		
CD....	H2S.....					
CL....						
CO....	K.....	5.5				

REFERENCE AND IDENTIFICATION

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

RECORD 00264

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081261

NAME OF SAMPLE SOURCE... JEAN PRESCOTT (WARM SPRINGS)
 WELL/SPRING NUMBER..... 07S-06E-35-BBB 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 006E 35 NW OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU

LAT/LONG... 42-46.66 N 115-42.95 W

MAP REFERENCE..... HOT SPRING 1:24000
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/07/18 WHITEHEAD, R.
 TEMPERATURE (C)..... 40.
 DISCHARGE..... G 30. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 224.
 ALKALINITY..... 103. AS CAC03
 TOTAL DISSOLVED SOLIDS... 244.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	1.8		
AU.....		CU.....		MO...		SI02.	89.
B.....		F.....	4.5	NA...	48.	S04..	15.
BA.....		FE+3.....		NA+K.			
CA.....	13.	HC03.....	126.	N03..	0.6		
CD.....		H2S.....		P04..	0.03		
CL.....	8.8						
CO.....		K.....	6.7				

REFERENCE AND IDENTIFICATION

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

RECORD 00265

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081234

NAME OF SAMPLE SOURCE... KEITH THOMAS WELL
 WELL/SPRING NUMBER..... 07S-04E-01-ACC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	07S 004E 01 SW OF SW NE	LAT/LONG...	42-50.65 N 115-55.37 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	OWYHEE			
GEOLOGIC PROVINCE..	COLUMBIA PLATEAU			
MAP REFERENCE.....	LITTLE VALLEY 1:24000			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/21 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 40.
 WELL DEPTH (M)..... 549.
 DISCHARGE..... 2896. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.4
 SPECIFIC CONDUCTANCE..... 272.
 ALKALINITY..... 231. AS CAC03
 TOTAL DISSOLVED SOLIDS... 324.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	100.				
AL.....		CR.....		MG...	0.2		
AU.....		CU.....		MO...		SI02.	83.
B.....		F.....	9.7	NA...	53.	S04..	17.
BA.....		FE+3.....		NA+K.			

CA..... 6.9 HC03..... 79. N03.. 0.29
 CD..... H2S..... P04.. 0.02
 CL..... 8.6
 CO..... K..... 6.7

REFERENCE AND IDENTIFICATION

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

RECORD 00266

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081216

NAME OF SAMPLE SOURCE... KENT KOHRING
 WELL/SPRING NUMBER..... 06S-04E-25-BCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 004E 25 SW OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1:24000

LAT/LONG... 42-52.44 N 115-56.14 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/26 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 533.
 DISCHARGE..... 7571. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE-PLIESTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.8
 SPECIFIC CONDUCTANCE..... 702.
 ALKALINITY..... 106. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 495.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3..... N	MG...	3.3		
AL.....	CR.....	MO...		SI02.	73.
AU.....	CU.....	NA...	95.	S04..	190.
B.....	F..... 3.9	NA+K.			
BA.....	FE+3.....	N03..	0.23		
CA..... 41.	HC03..... 129.	P04..	0.03		
CD.....	H2S.....				
CL..... 14.					
CO.....	K..... 13.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1976

RECORD 00267

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081202

NAME OF SAMPLE SOURCE... LEROY BEAMAN WELL
 WELL/SPRING NUMBER..... 05S-03E-22-AAD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 003E 22 SE OF NE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE

LAT/LONG... 42-58.87 N 116- 4.59 W

GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... GRAND VIEW 1:24000
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/06/22 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 396.
 DISCHARGE..... 19. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 1279.
 ALKALINITY..... 560. AS CAC03
 TOTAL DISSOLVED SOLIDS... 809.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CR.....		MG...	3.4	
AU....	CU.....		MO...		SI02. 140.
B.....	F.....	0.7	NA...	230.	
BA....	FE+3....		NA+K..		S04.. 4.0
CA.... 19.	HCO3....	683.	NO3..	0.02	
CD....	H2S.....		P04..	0.7	
CL.... 38.					
CO....	K.....	18.			

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00268

 GEOTHERM FILE ID: 0081210

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LESLIE POST WELL #1
 WELL/SPRING NUMBER..... 06S-03E-02-CBC 1

LOCATION

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	06S 003E 02 SW OF NW SW
STATE.....	IDAHO		B&M: BOISE
COUNTY.....	OWYHEE		
GEOLOGIC PROVINCE..	COLUMBIA PLATEAU		
MAP REFERENCE.....	GRAND VIEW 1:24000		

COORDINATES
 LAT/LONG... 42-55.88 N 116- 4.48 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/31 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 62.
 WELL DEPTH (M)..... 936
 DISCHARGE..... 1022. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE BASALT.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.1
 SPECIFIC CONDUCTANCE..... 599.
 ALKALINITY..... 157. AS CAC03
 TOTAL DISSOLVED SOLIDS... 398.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3.....	52.			
AL....	CR.....		MG... N		
AU....	CU.....		MO...		SI02. 99.

R.....	F.....	17.	NA...	120.		
BA.....	FE+3.....		NA+K.		504..	45.
CA.....	HC03.....	86.	N03..	0.01		
CD.....	H2S.....		P04..	0.02		
CL.....						
CO.....	K.....	2.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

RECORD 00269

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081211

NAME OF SAMPLE SOURCE... LESLIE POST WELL #2
 WELL/SPRING NUMBER..... 06S-03E-02-CCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 003E 02 SW OF SW SW
 STATE..... IDAHO R&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... GRAND VIEW 1:24000

LAT/LONG... 42-55.43 N 116- 4.52 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/06
 TEMPERATURE (C)..... 53.
 WELL DEPTH (M)..... 591.
 DISCHARGE..... 2725. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE BASALT AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.2
 SPECIFIC CONDUCTANCE..... 504.
 ALKALINITY..... 160. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 373.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	37.	MG...	0.1		
AL.....	CR.....		MO...		SI02.	100.
AU.....	CU.....		NA...	110.		
B.....	F.....	17.	NA+K.		504..	27.
BA.....	FE+3.....		N03..	0.03		
CA.....	HC03.....	120.	P04..	0.02		
CD.....	H2S.....					
CL.....						
CO.....	K.....	4.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... RALSTON AND CHAPMAN, 1969

RECORD 00270

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081209

NAME OF SAMPLE SOURCE... LOWER BIRCH SPRING
 WELL/SPRING NUMBER..... 06S-01E-32-BBA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 001E 32 NE OF NW NW
 STATE..... IDAHO R&M: BOISE

LAT/LONG... 42-51.89 N 116-22.07 W

COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... ROUGH MTN. 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/12 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 25.
 PERTINENT LITHOLOGY..... GRANITIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 320.
 ALKALINITY..... 103. AS CAC03
 TOTAL DISSOLVED SOLIDS... 233.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	N			
AL....	CR.....		MG...	8.5	
AU....	CU.....		MO...		SI02. 45.
R.....	F.....	0.5	NA...	22.	
RA....	FE+3....		NA+K..		S04.. 35.
CA....	HC03....	126.	NO3..	0.56	
CD....	H2S.....		P04..	0.01	
CL....					
CO....	K.....	1.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00271

 GEOTHERM FILE ID: 0081226

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MILDRED BACHMAN WELL
 WELL/SPRING NUMBER..... 06S-06E-19-CCD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 006E 19 SE OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... BRUNEAU 1:62500

LAT/LONG... 42-52.92 N 115-47.55 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/22 YOUNG
 TEMPERATURE (C)..... 38.
 WELL DEPTH (M)..... 278.
 DISCHARGE..... 151. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.0
 SPECIFIC CONDUCTANCE..... 457.
 ALKALINITY..... 109. AS CAC03
 TOTAL DISSOLVED SOLIDS... 326.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	19.			
AL....	CR.....		MG... N		
AU....	CU.....		MO...		SI02. 88.
R.....	F.....	26.	NA...	93.	

BA.....	FE+3.....	NA+K.	S04..	38.
CA..... 3.0	HCO3..... 94.	NO3.. 0.01		
CD.....	H2S.....	P04.. 0.01		
CL..... 10.				
CO.....	K..... 3.1			

REFERENCE AND IDENTIFICATION

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

RECORD 00272

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081269

NAME OF SAMPLE SOURCE... MURPHY HOT SPRINGS
 WELL/SPRING NUMBER..... 16S-09E-24-BBB 1
 WARING NUMBER..... 169B

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	16S 009E 24 NW OF NW NW	LAT/LONG... 42- 1.45 N 115-21.78 W
STATE..... IDAHO	R&M: BOISE	
COUNTY..... OWYHEE		
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU		
MAP REFERENCE..... OWYHEE COUNTY #9		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/23 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 51.
 PERTINENT LITHOLOGY..... PLIOCENE BASALT AND SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.1
 SPECIFIC CONDUCTANCE..... 137.
 ALKALINITY..... 57. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 160.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	CO3..... 1.0			
AL.....	CR.....	MG... N		
AU.....	CU.....	MO... SI02.	83.	
B.....	F..... 3.6	NA... 30.		
BA.....	FE+3.....	NA+K.	S04.. 4.7	
CA..... 0.6	HCO3..... 67.	NO3.. 0.64		
CD.....	H2S.....	P04.. 0.1		
CL..... 2.3				
CO.....	K..... 2.0			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00273

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081214

NAME OF SAMPLE SOURCE... NIELSON AND CAROTHERS
 WELL/SPRING NUMBER..... 06S-03E-09-ACC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	06S 003E 09 SW OF SW NE	LAT/LONG... 42-55.01 N 116- 6.25 W
STATE..... IDAHO	R&M: BOISE	
COUNTY..... OWYHEE		

MAP REFERENCE..... GRAND VIEW 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/04 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 39.
 WELL DEPTH (M)..... 434.
 DISCHARGE..... 8858. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE BASALT AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 516.
 ALKALINITY..... 170. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 403.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	25.			
AL.....	CR.....		MG...	0.1	
AU.....	CU.....		MO...		SI02. 130.
B.....	F.....	9.1	NA...	97.	
BA.....	FE+3.....		NA+K.		S04.. 42.
CA..... 3.6	HCO3.....	157.	NO3.. N		
CD.....	H2S.....		P04..	0.06	
CL..... 11.					
CO.....	K.....	8.1			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00274

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081200

NAME OF SAMPLE SOURCE... NORRIS MCKEETH
 WELL/SPRING NUMBER..... 05S-03E-20-ADA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 003E 20 NE OF SE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 MAP REFERENCE..... GRAND VIEW 1:24000

LAT/LONG... 42-59.84 N 116- 7.00 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/13 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 60.
 WELL DEPTH (M)..... 738.
 DISCHARGE..... 1957. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.6
 SPECIFIC CONDUCTANCE..... 395.
 ALKALINITY..... 124. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 311.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	61.			
AL.....	CR.....		MG...	0.1	
AU.....	CU.....		MO...		SI02. 110.
B..... N	F.....	19.	NA...	85.	
BA.....	FE+3.....		NA+K.		S04.. 6.4

CA....	1.1	HC03....	27.	N03..	0.09
CD....		H2S.....		P04..	0.01
CL....	15.				
CO....		K.....	0.7		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00275

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081196

NAME OF SAMPLE SOURCE... OSCAR FIELDS WELL
 WELL/SPRING NUMBER..... 05S-02E-02-AAA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 002E 02 NE OF NE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 MAP REFERENCE..... JACKASS BUTTE 1:24000

LAT/LONG... 43- 1.49 N 116-10.43 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/11/00 ROSS, 1971
 TEMPERATURE (C)..... 49.
 WELL DEPTH (M)..... 549.
 DISCHARGE..... 114. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE BASALT (?) AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 SPECIFIC CONDUCTANCE..... 395.
 ALKALINITY..... 136. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 285.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	5900.				
AL....		CR.....		MG... N			
AU....		CU.....		MO... N	SI02.	77.	
B.... N		FE.....	15.	NA... N	86.		
BA....		FE+3....		NA+K.	S04..	7.1	
CA....	1.7	HC03....	76.	N03..	0.36		
CD....		H2S.....		P04.. N			
CL....	16.						
CO....		K.....	0.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... RALSTON AND CHAPMAN, 1969

RECORD 00276

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081235

NAME OF SAMPLE SOURCE... PETE MERRIC WELL #1
 WELL/SPRING NUMBER..... 07S-04E-03-ABD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 004E 03 SE OF NW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1:24000

LAT/LONG... 42-50.92 N 115-57.51 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/28 YOUNG
TEMPERATURE (C)..... 42.
WELL DEPTH (M)..... 348.
DISCHARGE..... 6284. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE JOINTED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.4
SPECIFIC CONDUCTANCE..... 272.
ALKALINITY..... 80. AS CAC03
TOTAL DISSOLVED SOLIDS... 240.

ANALYSIS IN MG/L

AG.... C03..... 5.0
AL.... CR..... MG... 0.1
AU.... CU..... MO... SI02. 95.
B.... F..... 8.9 NA... 46.
BA.... FE+3..... NA+K. S04.. 20.
CA.... HC03..... 88. NO3.. 0.12
CA+MG. 5.8
CD.... H2S..... P04.. 0.01
CL.... 8.7
CO.... K..... 7.4

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

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

RECORD 00277

GEOTHERM FILE ID: 0081236

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PETE MERRICK WELL #2
WELL/SPRING NUMBER..... 07S-04E-10-BDB 1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 004E 10 NW OF SE NW
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... LITTLE VALLEY 1:24000

COORDINATES

LAT/LONG... 42-49.93 N 115-58.09 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/11 YOUNG, BILL
TEMPERATURE (C)..... 38.
WELL DEPTH (M)..... 349.
DISCHARGE..... 1874.
PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS AND PLIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.7
SPECIFIC CONDUCTANCE..... 293.
ALKALINITY..... 87. AS CAC03
TOTAL DISSOLVED SOLIDS... 256.

ANALYSIS IN MG/L

AG.... C03..... N
AL.... CR..... MG... 0.1
AU.... CU..... MO... SI02. 99.
B.... F..... 9.4 NA... 47.

ISOTOPES (0/00)

BA..... FE+3..... NA+K. S04.. 24.
 CA..... 7.2 HCO3..... 106. NO3.. 0.26
 CD..... H2S..... P04.. 0.04
 CL..... 8.6
 CO..... K..... 8.3

REFERENCE AND IDENTIFICATION

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

RECORD 00278

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081258

NAME OF SAMPLE SOURCE... R.L. OWEN WELL #2
 WELL/SPRING NUMBER..... 07S-06E-16-CDC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 005E 16 SW OF SE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... SUGAR VALLEY 1:24000

LAT/LONG... 42-48.49 N 115-45.08 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/14 YOUNG, BILL
 TEMPERATURE (C)..... 43.
 WELL DEPTH (M)..... 156.
 DISCHARGE..... 9463. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE JOINTED BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 287.
 ALKALINITY..... 86. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 230.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... 3.0
 AL..... CR..... MG... 0.4
 AU..... CU..... MO... SI02. 81.
 B..... F..... 8.9 NA... 49.
 BA..... FE+3..... NA+K. S04.. 18.
 CA..... 7.4 HCO3..... 99. NO3.. 0.33
 CD..... H2S..... P04.. N
 CL..... 9.0
 CO..... K..... 6.1

REFERENCE AND IDENTIFICATION

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

RECORD 00279

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081263

NAME OF SAMPLE SOURCE... R.L. OWENS WELL #7
 WELL/SPRING NUMBER..... 07S-06E-26-ADA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 006E 26 NE OF SE NE
 STATE..... IDAHO B&M: BOISE

LAT/LONG... 42-47.26 N 115-42.04 W

COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... HOT SPRING 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/22 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 38.
WELL DEPTH (M)..... 305.
DISCHARGE..... 4921. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS AND BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.0
SPECIFIC CONDUCTANCE..... 288.
ALKALINITY..... 110. AS CAC03
TOTAL DISSOLVED SOLIDS... 236.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... N
AL..... CR..... MG... 2.8
AU..... CU..... MO... SI02. 82.
B..... F..... 3.1 NA... 36.
BA..... FE+3... NA+K. S04.. 15.
CA..... 16. HC03... 134. NO3.. 0.66
CD..... H2S..... P04.. 0.02
CL..... 8.6
CO..... K..... 6.9

REFERENCE AND IDENTIFICATION

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

RECORD 00280

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081189

NAME OF SAMPLE SOURCE... RANDY KETTERLING WELL
WELL/SPRING NUMBER..... 04S-02E-32-BCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04S 02E 32 SW OF SW NW LAT/LONG... 43- 1.99 N 116-15.17 W
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
MAP REFERENCE..... CASTLE BUTTE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/09 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 43.
WELL DEPTH (M)..... 924.
PERTINENT LITHOLOGY..... PLIOCENE SEDIMENTS AND BASALT, AND TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.8
SPECIFIC CONDUCTANCE..... 699.
ALKALINITY..... 314. AS CAC03
TOTAL DISSOLVED SOLIDS... 494.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... N
AL..... CR..... MG... 0.7
AU..... CU..... MO... SI02. 110.
B..... N F..... 8.7 NA... 150.

BA..... FE+3..... NA+K. S04.. 5.2
 CA..... 5.8 HC03..... 883. NO3.. 0.7
 CD..... H2S..... PO4.. 0.07
 CL..... 17.
 CO..... K..... 8.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... RALSTON AND CHAPMAN, 1969

RECORD 00281

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081242

NAME OF SAMPLE SOURCE... ROBERT BLACK WELL
 WELL/SPRING NUMBER..... 07S-04E-15-ACD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 004E SE OF SW NE LAT/LONG... 42-48.92 N 115-57.64 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... LITTLE VALLEY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/12 YOUNG
 TEMPERATURE (C)..... 33.
 WELL DEPTH (M)..... 325.
 DISCHARGE..... 10705. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE JOINTED BASALT AND SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 359.
 ALKALINITY..... 101. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 320.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... N
 AL..... CR..... MG... 0.8
 AU..... CU..... MO... SI02. 100.
 B..... F..... 14. NA... 48.
 BA..... FE+3..... NA+K. S04.. 54.
 CA..... 23. HC03..... 123. NO3.. 0.8
 CD..... H2S..... PO4.. 0.04
 CL..... 9.9
 CO..... K..... 9.9

REFERENCE AND IDENTIFICATION

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

RECORD 00282

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081253

NAME OF SAMPLE SOURCE... ROBERT TINDALL WELL
 WELL/SPRING NUMBER..... 07S-05E-16-ACD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 005E 16 SE OF SW NE LAT/LONG... 42-48.86 N 115-51.64 W
 STATE..... IDAHO B&M: BOISE

COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... SUGAR VALLEY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/30 YOUNG, BILL
TEMPERATURE (C)..... 40.
DISCHARGE..... 15141. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.7
SPECIFIC CONDUCTANCE..... 278.
ALKALINITY..... 83. AS CAC03
TOTAL DISSOLVED SOLIDS... 252.

ANALYSIS IN MG/L

AG.... CO3..... N
AL.... CR..... MG... 0.1
AU.... CU..... MO... SI02. 90.
B.... F..... 16. NA... 53.
BA.... FE+3.... NA+K. S04.. 20.
CA.... 6.7 HC03.... 101. N03.. 0.26
CD.... H2S..... P04.. 0.02
CL.... 9.8
CO.... K..... 6.5

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

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

RECORD 00283

GEOOTHERM FILE ID: 0081251

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROY DAVIS WELL #2
WELL/SPRING NUMBER..... 07S-05E-13-AAC 1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 005E 13 SW OF NE NE
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... SUGAR VALLEY 1:24000

COORDINATES

LAT/LONG... 42-49.16 N 115-48.07 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/17 WHITEHEAD AND YOUNG
TEMPERATURE (C)..... 25.
WELL DEPTH (M)..... 46.
DISCHARGE..... 1325. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.4
SPECIFIC CONDUCTANCE..... 361.
ALKALINITY..... 82. AS CAC03
TOTAL DISSOLVED SOLIDS... 292.

ANALYSIS IN MG/L

AG.... CO3..... N
AL.... CR..... MG... 2.3
AU.... CU..... MO... SI02. 93.

ISOTOPES (0/00)

B.....	F.....	10.	NA...	51.		
BA.....	FE+3....		NA+K.		S04..	50.
CA.....	HC03....	100.	N03..	0.15		
CD.....	H2S.....		P04..	0.04		
CL.....						
CO.....	K.....	9.2				

REFERENCE AND IDENTIFICATION

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

RECORD 00284

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081232

NAME OF SAMPLE SOURCE... SAND DUNES FARMS WELL
 WELL/SPRING NUMBER..... 06S-07E-08-BBA 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	06S 007E 08 NE OF NW NW	LAT/LONG...	42-55.30 N 115-39.17 W
STATE.....	IDAHO	R&M: BOISE		
COUNTY.....	OWYHEE			
GEOLOGIC PROVINCE..	COLUMBIA PLATEAU			
MAP REFERENCE.....	SAND DUNES 1:24000			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/25 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 111.
 DISCHARGE..... 53. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.0
 SPECIFIC CONDUCTANCE..... 1209.
 ALKALINITY..... 434. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 929.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	17.	
AU.....	CU.....		MO...		SI02. 87.
B.....	F.....	0.7	NA...	240.	
BA.....	FE+3....		NA+K.		S04.. 250.
CA.....	HC03....	530.	N03..	0.01	
CD.....	H2S.....		P04..	0.04	
CL.....					
CO.....	K.....	31.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1974

RECORD 00285

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081187

NAME OF SAMPLE SOURCE... T. ADCOCK WELL
 WELL/SPRING NUMBER..... 04S-01E-29-CCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	04S 001E 29 SW OF SW SW	LAT/LONG...	43- 2.40 N 116-22.15 W
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STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
MAP REFERENCE..... CASTLE BUTTE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/05 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 70.
WELL DEPTH (M)..... 927.
DISCHARGE..... 6814. L/MIN
PERTINENT LITHOLOGY..... TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 9.2
SPECIFIC CONDUCTANCE..... 475.
ALKALINITY..... 142. AS CaCO3
TOTAL DISSOLVED SOLIDS... 332.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... 51.
AL..... CR..... MG... N
AU..... CU..... MO... SI02. 83.
B..... N F..... 12. NA... 100.
BA..... FE+3..... NA+K. S04.. 39.
CA..... 1.2 HCO3..... 69. NO3.. N
CD..... H2S..... P04.. 0.01
CL..... 12.
CO..... K..... 0.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00286

GEOTHERM FILE ID: 0081215

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TRIANGLE DAIRY WELL
WELL/SPRING NUMBER..... 06-03E-11-DAD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 003E 11 SE OF NE SE LAT/LONG... 42-54.82 N 116- 3.37 W
STATE..... IDAHO B&M: BOISE
COUNTY..... OWYHEE
GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
MAP REFERENCE..... GRAND VIEW 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/25 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 34.
WELL DEPTH (M)..... 427.
DISCHARGE..... 606. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS AND PLEIOCENE BASALT (?)

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.8
SPECIFIC CONDUCTANCE..... 516.
ALKALINITY..... 127. AS CaCO3
TOTAL DISSOLVED SOLIDS... 349.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... N
AL..... CR..... MG... 0.3

AU.....	CU.....	MO...	SI02.	120.
B.....	F..... 11.	NA... 86.	S04..	33.
BA.....	FE+3....	NA+K.		
CA..... 5.6	HC03.... 155.	N03.. 0.03		
CD.....	H2S.....	P04.. 0.12		
CL..... 11.				
CO.....	K..... 6.1			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00287

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081182

NAME OF SAMPLE SOURCE... WESLEY HIGGINS WELL
 WELL/SPRING NUMBER..... 01N-04W-12-DBB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 004W 12 NW OF NW SE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 MAP REFERENCE..... OPALENE GULCH 1:24000

LAT/LONG... 43-26.16 N 116-45.58 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/13 MITCHELL, JOHN AND YOUNG, BILL
 TEMPERATURE (C)..... 36.
 WELL DEPTH (M)..... 640.
 DISCHARGE..... 946. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SEDIMENTS AND BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 483.
 ALKALINITY..... 175. AS CAC03
 TOTAL DISSOLVED SOLIDS... 302.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3..... N			
AL.....	CR.....	MG... N		
AU.....	CU.....	MO... N	SI02.	40.
B..... N	F..... 7.9	NA... 110.	S04..	8.6
BA.....	FE+3....	NA+K.		
CA..... 2.2	HC03.... 214.	N03.. 0.04		
CD.....	H2S.....	P04.. 0.01		
CL..... 28.				
CO.....	K..... 0.3			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... NEWTON AND CORCORN, 1963

RECORD 00288

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081230

NAME OF SAMPLE SOURCE... WILBUR WILSON WELL #2
 WELL/SPRING NUMBER..... 06S-07E-01-DBD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 007E 01 SE OF NW SE

LAT/LONG... 42-55.70 N 115-33.83 W

STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... HAMMETT 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/01 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 33.
 WELL DEPTH (M)..... 320.
 DISCHARGE..... 34. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1169.
 ALKALINITY..... 479. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 712.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N				
AL.....	CR.....		MG...	1.2		
AU.....	CU.....		MO...		SI02.	72.
B.....	F.....	3.2	NA...	250.		
BA.....	FE+3.....		NA+K.		S04..	3.6
CA.....	8.1	HCO3.....	585.	N03..	0.02	
CD.....		H2S.....		P04..	0.01	
CL.....	79.					
CO.....		K.....	8.2			

REFERENCE AND IDENTIFICATION

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

RECORD 00289

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081229

NAME OF SAMPLE SOURCE... WILBUR WILSON WELL #1
 WELL/SPRING NUMBER..... 06S-07E-01-ACB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 007E 01 NW OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... HAMMETT 1:24000

LAT/LONG... 42-56.05 N 115-34.07 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/03/01 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 42.
 WELL DEPTH (M)..... 305.
 DISCHARGE..... 11. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 SPECIFIC CONDUCTANCE..... 1233.
 ALKALINITY..... 503. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 720.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	N				
AL.....	CR.....		MG...	0.6		

AU....	CU.....	MO...	SI02.	73.
B.....	F.....	NA...	260.	
BA.....	FE+3....	NA+K.	S04..	3.4
CA.....	7.0	HC03....	614.	N03..
CL.....	62.			N
CO.....	K.....	8.0		

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1974

RECORD 00290

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0081212

NAME OF SAMPLE SOURCE... WILLIAM BUNT WELL
 WELL/SPRING NUMBER..... 06S-03E-04-BCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	06S 003E	04 SW OF SW NW	LAT/LONG...	42-55.87 N 116- 6.92 W
STATE.....	IDAHO	B&M:	BOISE		
COUNTY.....	OWYHEE				
GEOLOGIC PROVINCE..	COLUMBIA PLATEAU				
MAP REFERENCE.....	GRAND VIEW 1:24000				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/04 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 48.
 WELL DEPTH (M)..... 512.
 PERTINENT LITHOLOGY..... PLIOCENE BASALT (?) AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.4
 SPECIFIC CONDUCTANCE..... 534.
 ALKALINITY..... 171. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 395.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3.....	74.			
AL....	CR.....		MG...	N	
AU....	CU.....		MO...		SI02. 110.
B.....	F.....	12.	NA...	110.	
BA.....	FE+3....		NA+K.		S04.. 42.
CA.....	1.6	HC03....	58.	N03..	N
CD.....		H2S.....		P04..	0.02
CL.....	11.				
CO.....	K.....	6.4			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00291

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0081185

NAME OF SAMPLE SOURCE... WILLIAM COX
 WELL/SPRING NUMBER..... 04S-01E-25-CCD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	04S 001E	25 SE OF SW SW	LAT/LONG...	43- 2.47 N 116-17.34 W
STATE.....	IDAHO	B&M:	BOISE		

COUNTY..... OWYHEE
 MAP REFERENCE..... CASTLE BUTTE 1:24000
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/07/24 WHITEHEAD AND YOUNG, BILL
 TEMPERATURE (C)..... 30.
 DISCHARGE..... 19. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 1419.
 ALKALINITY..... 780. AS CAC03
 TOTAL DISSOLVED SOLIDS... 986.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	2.9		
AU....		CU.....	MO...		SI02..	120.
B..... N		F..... 0.6	NA...	310.	S04..	5.5
BA....		FE+3....	NA+K..			
CA....	25.	HC03.... 952.	NO3..	0.02		
CD....		H2S.....	P04..	0.25		
CL....	25.					
CO....		K..... 29.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00292

GEO THERM FILE ID: 0081186

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILLIAM COX WELL
 WELL/SPRING NUMBER..... 04S-01E-26-ABC 1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 001E 26 SW OF NW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... OWYHEE
 MAP REFERENCE..... CASTLE BUTTE 1:24000

COORDINATES

LAT/LONG... 43- 3.13 N 116-18.10 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/08 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 518.
 DISCHARGE..... 19. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 1159.
 ALKALINITY..... 625. AS CAC03
 TOTAL DISSOLVED SOLIDS... 783.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	2.8		
AU....		CU.....	MO...		SI02..	96.
B..... N		F..... 0.6	NA...	250.	S04..	3.6
BA....		FE+3....	NA+K..			

CA.... 13. HCO3.... 763. NO3.. 0.01
 CD.... H2S..... PO4.. 0.16
 CL.... 13.
 CO.... K..... 29.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00293

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081262

NAME OF SAMPLE SOURCE... WILLIAM ROSE WELL
 WELL/SPRING NUMBER..... 07S-06E-23-CAD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07S 06E 23 SE OF NE SW
 STATE..... IDAHO R&M: BOISE
 COUNTY..... OWYHEE
 GEOLOGIC PROVINCE.. COLUMBIA PLATEAU
 MAP REFERENCE..... HOT SPRING 1:24000

LAT/LONG... 42-47.85 N 115-42.50 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/22 YOUNG, BILL
 TEMPERATURE (C)..... 44.
 WELL DEPTH (M)..... 396.
 DISCHARGE..... 3407. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.3
 SPECIFIC CONDUCTANCE..... 327.
 ALKALINITY..... 103. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 269.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3..... N	MG...	1.1		
AL....	CR.....	MO....		SI02.	100.
AU....	CU.....	NA....	53.	S04..	17.
B.....	F..... 8.2	NO3..	0.54		
BA....	FE+3....	PO4..	0.01		
CA.... 12.	HCO3.... 126.				
CD....	H2S.....				
CL.... 8.7					
CO....	K..... 7.2				

REFERENCE AND IDENTIFICATION

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

RECORD 00294

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081270

NAME OF SAMPLE SOURCE... INDIAN HOT SPRINGS
 WELL/SPRING NUMBER..... 08S-31E-31-DAB 1S
 WARING NUMBER..... 189

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08S 03E 31 NW OF NE SE
 STATE..... IDAHO R&M: BOISE

LAT/LONG... 42-43.52 N 112-52.33 W

COUNTY..... POWER
MAP REFERENCE..... INDIAN SPRINGS 1:24000
SAMPLE DESCRIPTION AND CONDITIONS
DATE/COLLECTOR..... 1972/07/27 YOUNG AND MITCHELL
TEMPERATURE (C)..... 32.
DISCHARGE..... 5829. L/MIN
PERTINENT LITHOLOGY..... PALEOZOIC LIMESTONE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.5
SPECIFIC CONDUCTANCE..... 1099.
ALKALINITY..... 131. AS CAC03
TOTAL DISSOLVED SOLIDS... 538.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.... C03..... N
AL.... CR..... MG... 19.
AU.... CU..... MO... SI02.. 20.
B..... F..... 0.7 NA... 110.
BA.... FE+3..... NA+K.. S04.. 19.
CA.... 76. HCO3.... 254. NO3.. 0.13
CD.... H2S..... P04.. 0.02
CL.... 220.
CO.... K..... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... STEARNS AND OTHERS, 1938

RECORD 00295

GEO THERM FILE ID: 0081271

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROCKLAND WARM SPRINGS
WELL/SPRING NUMBER..... 10S-30E-13-CDC 1S

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 10E 0 0E 13 SW OF NE SW
STATE..... IDAHO B&M: BOISE
COUNTY..... POWER
MAP REFERENCE..... ROCKLAND WEST 1:24000

COORDINATES

LAT/LONG... 42-32.79 N 116-53.92 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/27
TEMPERATURE (C)..... 38.
PERTINENT LITHOLOGY..... PALEOZOIC LIMESTONE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.6
SPECIFIC CONDUCTANCE..... 1109.
ALKALINITY..... 131. AS CAC03
TOTAL DISSOLVED SOLIDS... 575.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.... C03..... N
AL.... CR..... MG... 33.
AU.... CU..... MO... SI02.. 22.
B..... F..... 0.8 NA... 62.
BA.... FE+3..... NA+K.. S04.. 23.
CA.... 92. HCO3.... 160. NO3.. 0.02
CD.... H2S..... P04.. 0.02

CL.... 250.
 CO.... K..... 14.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00296

 GEOTHERM FILE ID: 0081273

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BANBURY HOT SPRINGS
 WELL/SPRING NUMBER..... 08S-14E-33-CBA 1S
 WARING NUMBER..... 175

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08S 014E 33 NE OF NW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... THOUSAND SPRINGS 1:24000

COORDINATES
 LAT/LONG... 42-41.28 N 114-49.54 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/24 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 59.
 DISCHARGE..... 227. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY SEDIMENTS AND TERTIARY SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 479.
 ALKALINITY..... 135. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 197.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... CO3..... 38. MG... N
 AL.... CR..... MO... SI02. 97.
 AU.... CU..... NA... 100.
 R.... FE+3..... 15. NA+K. S04.. 26.
 BA.... NO3.. 0.54
 CA.... 1.1 HC03..... 88. P04.. 0.03
 CD.... H2S.....
 CL.... 27.
 CO.... K..... 1.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00297

 GEOTHERM FILE ID: 0081280

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JONES CORP. WELL
 WELL/SPRING NUMBER..... 13S-16E-12-ABB 1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13S 016E 12 NW OF NW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... HOLLISTER 1:24000

COORDINATES
 LAT/LONG... 42-18.47 N 114-40.75 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/09/28 MITCHELL, JOHN

TEMPERATURE (C)..... 35.
WELL DEPTH (M)..... 53.
DISCHARGE..... 946. L/MIN
PERTINENT LITHOLOGY..... PALEOZOIC METAMORPHOSED SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.2
SPECIFIC CONDUCTANCE..... 450.
ALKALINITY..... 205. AS CAC03
TOTAL DISSOLVED SOLIDS... 231.

ANALYSIS IN MG/L

AG..... C03..... N
AL..... CR..... MG... 10.
AU..... CU..... MO... SI02. 22.
B..... F..... 2.2 NA... 44.
BA..... FE+3..... NA+K. S04.. 15.
CA..... 34. HC03..... 250. N03.. 0.04
CD..... H2S..... P04.. N
CL..... 5.5 K..... 12.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL, 1977

RECORD 00298

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081274

NAME OF SAMPLE SOURCE... KENNETH HARBAST WELL #1
WELL/SPRING NUMBER..... 09S-14E-09-ADC 1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 09S 014E 09 SW OF SE NE
STATE..... IDAHO B&M: BOISE
COUNTY..... TWIN FALLS
MAP REFERENCE..... THOUSAND SPRINGS 1:24000

COORDINATES

LAT/LONG... 42-39.61 N 114-48.68 W

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..... 108. AS CAC03
TOTAL DISSOLVED SOLIDS... 170.

ANALYSIS IN MG/L

AG..... C03..... 6.0
AL..... CR..... MG... 0.3
AU..... CU..... MO... SI02. 51.
B..... F..... 3.2 NA... 61.
BA..... FE+3..... NA+K. S04.. 27.
CA..... 7.3 HC03..... 120.
CL..... 16. K..... 3.2
CO.....

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... SWANSON

RECORD 00299

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081281

NAME OF SAMPLE SOURCE... MAGIC HOT SPRINGS
 WELL/SPRING NUMBER..... 16S-17E-31-ACA 1S

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 017E 31 NE OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... MAGIC HOT SPRINGS 1:24000

COORDINATES
 LAT/LONG... 42- 0.77 N 114-30.23 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/23 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 46.
 DISCHARGE..... 1457. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.4
 SPECIFIC CONDUCTANCE..... 281.
 ALKALINITY..... 133. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 178.

ANALYSIS IN MG/LISOTOPES (0/00)

AG.....	CO ₃	N			
AL.....	CR.....		MG...	8.9	
AU.....	CU.....		MO...		SI02. 23.
B.....	F.....	0.3	NA...	13.	
BA.....	FE+3.....		NA+K.		S04.. 15.
CA..... 30.	HCO ₃	162.	N03..	0.42	
CD.....	H ₂ S.....		P04..	0.03	
CL..... 3.8					
CO.....	K.....	4.5			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00300

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081272

NAME OF SAMPLE SOURCE... MIRACLE HOT SPRINGS
 WELL/SPRING NUMBER..... 08S-14E-31-ACB 1S
 WARING NUMBER..... 174

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08S 014E 31 NW OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... THOUSAND SPRINGS 1:24000

COORDINATES
 LAT/LONG... 42-41.41 N 114-51.55 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/24 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 54.
 DISCHARGE..... 1060. L/MIN

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR PLIOCENE BASALT AND OLDER SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 9.0
SPECIFIC CONDUCTANCE..... 560.0
ALKALINITY..... 142. AS CaCO3
TOTAL DISSOLVED SOLIDS... 386.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... 54.
AL.... CR..... MG... N
AU.... CU..... MO... SI02. 93.
B.... F..... 20. NA... 120.
BA.... FE+3..... NA+K. S04.. 29.
CA.... 2.2 HCO3..... 63. NO3.. 0.5
CD.... H2S..... PO4.. 0.03
CL.... 35. K..... 1.5
CO....

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MALDE AND OTHERS, 1972

RECORD 00301

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081279

NAME OF SAMPLE SOURCE... NAT-S00-PAW WARM SPRING
WELL/SPRING NUMBER..... 12S-17E-06-CBB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12S 017E 06 NW OF NW SW LAT/LONG... 42-24.64 N 114-30.85 W
STATE..... IDAHO R&M: BOISE
COUNTY..... TWIN FALLS
MAP REFERENCE..... HUB BUTTE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/09/25 MITCHELL, JOHN
TEMPERATURE (C)..... 38.
WELL DEPTH (M)..... 236.
DISCHARGE..... 2055. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM ABOVE TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.6
SPECIFIC CONDUCTANCE..... 198.
ALKALINITY..... 218. AS CaCO3
TOTAL DISSOLVED SOLIDS... 279.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 14.
AU.... CU..... MO... SI02. 19.
B.... F..... 1.9 NA... 43.
BA.... FE+3..... NA+K. S04.. 18.
CA.... 34. HCO3..... 266. NO3.. 0.02
CD.... H2S..... PO4.. 0.01
CL.... 8.0 K..... 11.
CO....

REFERENCE AND IDENTIFICATION

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

COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... MITCHELL, 1977

RECORD 00302

GEOTHERM FILE ID: 0081276

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RAY STANGER AND SONS
WELL/SPRING NUMBER..... 11S-19E-21-ADD 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
STATE..... IDAHO 11S 019E 21 SE OF SE NE LAT/LONG... 42-27.19 N 114-13.71 W
COUNTY..... TWIN FALLS B&M: BOISE
MAP REFERENCE..... MURTAUGH 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/00
TEMPERATURE (C)..... 27.
PERTINENT LITHOLOGY..... PLYOCENE BASALT AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... ROSS REPORT
PH..... 7.5
SPECIFIC CONDUCTANCE..... 399.
ALKALINITY..... 89. AS CaCO3

ISOTOPES (0/00)

ANALYSIS IN MG/L
AG.... CO3..... N
AL.... CR..... MG... 3.9
AU.... CU..... MO... SI02. 71.
P..... F..... 0.4
BA.... FE+3..... NA+K. S04.. 9.0
CA.... 22. HC03..... 108. N03.. 0.6
CL.... 12.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... ROSS, 1971

RECORD 00303

GEOTHERM FILE ID: 0081277

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SAM HIGH AND SONS WELL
WELL/SPRING NUMBER..... 11S-19E-33-DDD 1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
STATE..... IDAHO 11S 019E 33 SE OF SE SE LAT/LONG... 42-25.06 N 114-13.73 W
COUNTY..... TWIN FALLS B&M: BOISE
MAP REFERENCE..... MURTAUGH 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/05/25 YOUNG AND MITCHELL
TEMPERATURE (C)..... 33.
WELL DEPTH (M)..... 189.
DISCHARGE..... 7306. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM ABOVE TERTIARY SILICIC VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 6.6
SPECIFIC CONDUCTANCE..... 266.
ALKALINITY..... 97. AS CaCO3

TOTAL DISSOLVED SOLIDS... 205.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	3.9		
AU....		CU.....		MO...		SI02.	63.
B.....		F.....	0.3	NA...	17.		
BA....		FE+3....		NA+K.		S04..	12.
CA....	27.	HC03....	118.	NO3..	1.0		
CD....		H2S.....		P04..	0.04		
CL....	15.						
CO....		K.....	8.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00304

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081278

NAME OF SAMPLE SOURCE... THEODORE STURGILL WELL
 WELL/SPRING NUMBER..... 11S-20E-34-CCC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11S 020E 34 SW OF SW SW LAT/LONG... 42-25.05 N 114- 6.36 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... TWIN FALLS
 MAP REFERENCE..... MILNER BUTTE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/00 ROSS
 TEMPERATURE (C)..... 32.

WATER ANALYSIS

DATE/ANALYST..... ROSS
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 326.
 ALKALINITY..... 152. AS CAC03
 TOTAL DISSOLVED SOLIDS... 209.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3.....	N				
AL....		CR.....		MG...	8.9		
AU....		CU.....		MO...		SI02.	28.
B.....		F.....	0.7	NA...	11.		
BA....		FE+3....		NA+K.		S04..	13.
CA....	43.	HC03....	186.	NO3..	0.6		
CL....	5.0						
CO....		K.....	7.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00305

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0081275

NAME OF SAMPLE SOURCE... TWIN FALLS CANAL CO.
 WELL/SPRING NUMBER..... 10S-17E-14-CCD 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 10S 017E 14 SE OF SW SW LAT/LONG... 42-32.92 N 114-26.29 W

STATE..... IDAHO B&M: BOISE
COUNTY..... TWIN FALLS
MAP REFERENCE..... TWIN FALLS 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/00 ROSS
TEMPERATURE (C)..... 29.
WELL DEPTH (M)..... 366.
PERTINENT LITHOLOGY..... PLYOCENE BASALT AND SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.7
SPECIFIC CONDUCTANCE..... 236.
ALKALINITY..... 152. AS CaCO3
TOTAL DISSOLVED SOLIDS... 172.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... N
AL..... CR..... MG... 10.
AU..... CU..... MO... SI02. 45.
B..... F..... 0.6
BA..... FE+3..... NA+K. S04.. 65.
CA..... 45. HC03..... 128. NO3.. 1.2
CL..... 32.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... ROSS, 1971

RECORD 00306

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081283

NAME OF SAMPLE SOURCE... BOILING SPRING HOT SPRINGS
WELL/SPRING NUMBER..... 12N-05E-22-BBC 1S
WARNING NUMBER..... 38

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12N 005E 22 SW OF NW NW LAT/LONG... 44-21.85 N 115-51.36 W
STATE..... IDAHO B&M: BOISE
COUNTY..... VALLEY
MAP REFERENCE..... BOILING SPRINGS 1:62500

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
PH..... 8.6
SPECIFIC CONDUCTANCE..... 360.
ALKALINITY..... 106. AS CaCO3
TOTAL DISSOLVED SOLIDS... 269.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AU..... CU..... MO... SI02. 89.
CA..... HC03..... NO3.. N
CD..... H2S..... P04.. 0.01

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES

REFERENCE..... MITCHELL, 1970

RECORD 00307

GEO THERM FILE ID: 0081282

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BOILING SPRINGS HOT SPRINGS
 WELL/SPRING NUMBER..... 12N-05E-22-BBC 1S
 WARING NUMBER..... 38

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12N 005E 22 SW OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... BOILING SPRINGS 1:62500

COORDINATES
 LAT/LONG... 44-21.85 N 115-51.36 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/03 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 85.
 DISCHARGE..... 625. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 331.
 ALKALINITY..... 106. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 269.

ANALYSIS IN MG/LISOTOPES (0/00)

AG.....	CO3.....	24.				
AL.....	CR.....		MG...	0.1		
AU.....	CU.....		MO...		SI02..	94.
B.....	F.....	13.	NA...	71.		
BA.....	FE+3.....		NA+K..		S04..	12.
CA..... 1.9	HC03.....	81.	N03..	0.04		
CD.....	H2S.....		P04..	0.02		
CL..... 12.						
CO.....	K.....	1.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WARING, 1965

RECORD 00308

GEO THERM FILE ID: 0081285

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CABARTON HOT SPRINGS
 WELL/SPRING NUMBER..... 13N-04E-31-CAB 1S

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13N 004E 31 NW OF NE SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... SMITH'S FERRY 1:62500

COORDINATES
 LAT/LONG... 44-24.96 N 116- 1.88 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/03 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 71.
 DISCHARGE..... 227. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK

WATER ANALYSIS

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

PH..... 7.7
SPECIFIC CONDUCTANCE..... 511.
ALKALINITY..... 101. AS CaCO3
TOTAL DISSOLVED SOLIDS... 348.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... 26.
AL..... CR..... MG... N
AU..... CU..... MO... SI02. 78.
B..... F..... 11. NA... 100.
BA..... FE+3..... NA+K. S04.. 46.
CA..... 1.7 HCO3..... 70. NO3.. 0.05
CD..... H2S..... P04.. 0.02
CL..... 49.
CO..... K..... 1.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... NEWCOMB, 1970

RECORD 00309

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081287

NAME OF SAMPLE SOURCE... CASCADE CITY WELL
WELL/SPRING NUMBER..... 14N-03E-36-ABD 1
WARNING NUMBER..... 34

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14N 003E 36 SE OF NW NE LAT/LONG... 44-30.66 N 116- 2.11 W
STATE..... IDAHO R&M: BOISE
COUNTY..... VALLEY
MAP REFERENCE..... CASCADE 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/03 YOUNG AND MITCHELL
TEMPERATURE (C)..... 43.
WELL DEPTH (M)..... 15.
DISCHARGE..... 2650. L/MIN
PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S.GE LOGICAL SURVEY
PH..... 9.2
SPECIFIC CONDUCTANCE..... 275.
ALKALINITY..... 87. AS CaCO3
TOTAL DISSOLVED SOLIDS... 193.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... 22.
AL..... CR..... MG... N
AU..... CU..... MO... SI02. 45.
B..... F..... 3.8 NA... 58.
BA..... FE+3..... NA+K. S04.. 17.
CA..... 1.6 HCO3..... 62. NO3.. 0.09
CD..... H2S..... P04.. 0.04
CL..... 15.
CO..... K..... 0.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... NEWCOMB, 1970

RECORD 00310

GEO THERM FILE ID: 0081297

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COX HOT SPRINGS
WELL/SPRING NUMBER..... 17N-13E-27-AAC 1S
WARNING NUMBER..... 49

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 013E 27 SW OF NE NE
STATE..... IDAHO B&M: BOISE
COUNTY..... VALLEY
MAP REFERENCE..... RAMEY HILL 1:24000

COORDINATES
LAT/LONG... 44-47.10 N 114-51.31 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATER
TEMPERATURE (C)..... 55.
DISCHARGE..... 68. L/MIN
PERTINENT LITHOLOGY..... TERTIARY GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.8
ALKALINITY..... 101. AS CAC03
TOTAL DISSOLVED SOLIDS... 282.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... 20.
AL.... CR..... MG... N
AU.... CU..... MO...
B.... F..... 15. NA... 84.
BA.... FE+3..... NA+K. S102. 69.
CA.... 69. HC03..... 83. S04.. 42.
CL.... 9.0
CO.... K..... 1.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... ROSS, 1971

RECORD 00311

GEO THERM FILE ID: 0081293

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOLDOVER HOT SPRINGS
WELL/SPRING NUMBER..... 17N-06E-02-BAA 1S

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 006E 02 NE OF NE NW
STATE..... IDAHO B&M: BOISE
COUNTY..... VALLEY
MAP REFERENCE..... WHITE ROCK PEAK 1:24000

COORDINATES
LAT/LONG... 44-50.80 N 115-41.77 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/18 MITCHELL, JOHN
TEMPERATURE (C)..... 46.
DISCHARGE..... 95. L/MIN
PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 9.0
SPECIFIC CONDUCTANCE..... 280.
ALKALINITY..... 107. AS CAC03

TOTAL DISSOLVED SOLIDS... 222.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	34.				
AU....		CU.....		MO...		SI02.	67.
B.....		F.....	8.9	NA...	60.		
BA....		FE+3....		NA+K.		S04..	9.9
CA....	1.6	HCO3....	62.	N03..	0.02		
CD....		H2S.....		P04..	0.01		
CL....	9.8						
CO....		K.....	1.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00312

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081298

NAME OF SAMPLE SOURCE... HOSPITAL HOT SPRING
 WELL/SPRING NUMBER..... 17N-14E-05-CBC 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17N 014E 05 SW OF NW SW LAT/LONG... 44-50.17 N 114-47.42 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... RAMEY HILL 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATER AND OTHERS
 TEMPERATURE (C)..... 46.
 DISCHARGE..... 7.6 L/MIN
 PERTINENT LITHOLOGY..... TERTIARY GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 ALKALINITY..... 122. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 289.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3.....	N				
AL....		CR.....		MG... N			
AU....		CU.....		MO...		SI02.	55.
B.....		F.....	13.	NA...	87.		
BA....		FE+3....		NA+K.		S04..	43.
CA....	3.4	HCO3....	149.				
CL....	14.						
CO....		K.....	1.3				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00313

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081300

NAME OF SAMPLE SOURCE... HOT CREEK W.S.
 WELL/SPRING NUMBER..... 18N-08E-17-BDA
 WARING NUMBER..... 26

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 008E 17 NE OF SE NW
STATE..... IDAHO B&M: BOISE
COUNTY..... VALLEY
MAP REFERENCE..... CATON LAKE 1:24000

LAT/LONG... 44-53.98 N 115-30.27 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/09/00 ROSS
TEMPERATURE (C)..... 35.
DISCHARGE..... 38. L/MIN
PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.7
SPECIFIC CONDUCTANCE..... 343.
ALKALINITY..... 68. AS CaCO3
TOTAL DISSOLVED SOLIDS... 229.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG..... CO3..... 12.
AL..... CR..... MG... N
AU..... CU..... MO... SI02.. 60.
B..... F..... 6.4 NA... 63.
BA..... FE+3..... NA+K.. S04.. 45.
CA..... 3.0 HC03..... 58. NO3.. N
CL..... 10.
CO..... K..... 1.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... ROSS, 1971

RECORD 00314

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... INDIAN CREEK HOT SPRINGS
WELL/SPRING NUMBER..... 17N-11E-21-8

GEOHERM FILE ID: 0081296

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE 17N 011E 21 NW
STATE..... IDAHO B&M: BOISE
COUNTY..... VALLEY
MAP REFERENCE..... BIG BALDY 1:24000

COORDINATES

LAT/LONG... 44-47.93 N 115- 7.73 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATER AND OTHERS
TEMPERATURE (C)..... 88.
DISCHARGE..... 151. L/MIN
PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.6
ALKALINITY..... 131. AS CaCO3
TOTAL DISSOLVED SOLIDS... 398.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG..... CO3..... 14.
AL..... CR..... MG... N
AU..... CU..... MO... SI02.. 110.
B..... F..... 18. NA... 110.
BA..... FE+3..... NA+K.. S04.. 62.
CA..... 2.0 HC03..... 131.

CL..... 14.
 CO..... K..... 3.6
REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... CATER AND OTHERS, 1973

RECORD 00315

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081294

NAME OF SAMPLE SOURCE... KWISKWIS HOT SPRINGS
 WELL/SPRING NUMBER..... 17N-10E-11-BBA 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 010E 11 NE OF NW NW
 STATE..... IDAHO R&M: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... BIG BALDY 1:24000

COORDINATES
 LAT/LONG... 44-49.87 N 115-12.91 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATER AND OTHERS
 TEMPERATURE (C)..... 69.
 DISCHARGE..... 57. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.7
 ALKALINITY..... 108. AS CaCO₃
 TOTAL DISSOLVED SOLIDS... 365.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO₃..... 22.
 AL..... CR..... MG... N
 AU..... CU..... MO..... SI02. 77.
 B..... F..... 17. NA..... 110.
 BA..... FE+3..... NA+K. S04.. 73.
 CA..... 2.3 HCO₃..... 87.
 CL..... 1.9
 CO..... K..... 2.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00316

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081295

NAME OF SAMPLE SOURCE... MIDDLE FORK INDIAN CREEK HOT SPRING
 WELL/SPRING NUMBER..... 17N-11E-16-ACB 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 011E 16 NW OF SW NE
 STATE..... IDAHO R&M: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... PUNGO MTN.

COORDINATES
 LAT/LONG... 44-48.77 N 115- 7.37 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATER AND OTHERS
 TEMPERATURE (C)..... 72.
 DISCHARGE..... 5.7 L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... ROSS REPORT
 PH..... 8.7
 ALKALINITY..... 137. AS CAC03
 TOTAL DISSOLVED SOLIDS... 412.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	25.			
AL.....	CR.....		MG... N		
AU.....	CU.....		MO...	SI02..	110.
B.....	F.....	17.	NA... 120.		
BA.....	FE+3....		NA+K..	S04..	64.
CA.... 2.1	HCO3....	116.			
CL.... 14.					
CO.....	K.....	3.7			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00317

GEO THERM FILE ID: 0081288

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOLLY'S HOT SPRINGS
 WELL/SPRING NUMBER..... 15N-06E-14-ACC 1S
 WARING NUMBER..... 33

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15N 006E 14 SW OF SW NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... WARM LAKE 1:62500

LAT/LONG... 44-38.54 N 115-41.56 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/02 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 59.
 DISCHARGE..... 284. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 326.
 ALKALINITY..... 89. AS CAC03
 TOTAL DISSOLVED SOLIDS... 258.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3.....	30.			
AL.....	CR.....		MG... N		
AU.....	CU.....		MO...	SI02..	87.
B.....	F.....	17.	NA... 70.		
BA.....	FE+3....		NA+K..	S04..	17.
CA.... 2.0	HCO3....	48.	N03.. 0.03		
CD....	H2S.....		P04.. 0.02		
CL.... 10.					
CO.....	K.....	1.5			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WARING, 1965

RECORD 00318

GEO THERM FILE ID: 0081290

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PISTOL CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 16N-10E-14-DBC1S
 WARING NUMBER..... 46

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 16N 010E 14 SW OF NW SE LAT/LONG... 44-43.24 N 115-12.43 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... GREY HOUND RIDGE 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CATER AND OTHERS
 TEMPERATURE (C)..... 46.
 DISCHARGE..... 13.
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK WITH TERTIARY DIKES.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.3
 ALKALINITY..... 80. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 293.

ANALYSIS IN MG/LISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	N	
AU.....	CU.....		MO...		SI02. 67.
B.....	F.....	10.	NA...	83.	
BA.....	FE+3.....		NA+K.		S04.. 67.
CA..... 5.0	HC03.....	98.			
CL..... 12.					
CO.....	K.....	1.4			

REFERENCE AND IDENTIFICATION

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

RECORD 00319

GEO THERM FILE ID: 0081292

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RIVERSIDE HOT SPRINGS
 WELL/SPRING NUMBER..... 16N-12E-16-CBB 1S

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 16N 012E 16 NW OF NW SW LAT/LONG... 44-43.28 N 115- 0.79 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... GREYHOUND RIDGE 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/07/04 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 43.
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM NEAR CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.8
 SPECIFIC CONDUCTANCE..... 377.
 ALKALINITY..... 82. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 283.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	19.				
AL....		CR.....		MG...	N		
AU....		CU.....		MO...		SI02.	75.
B.....		F.....	9.9	NA...	79.		
BA....		FE+3....		NA+K.		S04..	56.
CA....	3.2	HC03....	62.				
CO....		H2S.....		P04..	N		
CL....	8.9						
CO....		K.....	1.8				

REFERENCE AND IDENTIFICATION

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

RECORD 00320

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081284

NAME OF SAMPLE SOURCE... SILVER CREEK PLUNGE
 WELL/SPRING NUMBER..... 12N-05E-36DBA
 WARING NUMBER..... 40

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... IDAHO
 COUNTY..... VALLEY
 MAP REFERENCE..... BOILING SPRINGS 1:62500

12N 005E 36 NE OF NW SE
 B&M: BOISE

LAT/LONG... 44-19.78 N 115-48.13 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/10/00 ROSS
 TEMPERATURE (C)..... 39.
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... (ROSS REPORT)
 PH..... 9.0
 SPECIFIC CONDUCTANCE..... 254.
 ALKALINITY..... 77. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 192.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	12.				
AL....		CR.....		MG...	0.4		
AU....		CU.....		MO...		SI02.	53.
B.....		F.....	7.5	NA...	52.		
BA....		FE+3....		NA+K.		S04..	20.
CA....	2.0	HC03....	70.	N03..	0.2		
CL....	6.0						
CO....		K.....	5.1				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... ROSS, 1971

RECORD 00321

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081289

NAME OF SAMPLE SOURCE... SOUTH FORK PLUNGE
 WELL/SPRING NUMBER..... 15N-06E-14-CDB 1S
 WARING NUMBER..... 31

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 15N 006E 14 NW OF SE SW
 COUNTY..... VALLEY B&M: BOISE
 MAP REFERENCE..... WARM LAKE 1:62500

COORDINATES
 LAT/LONG... 44-37.89 N 115-41.80 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/08/00
 TEMPERATURE (C)..... 54.
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... ROSS REPORT
 PH..... 9.3
 SPECIFIC CONDUCTANCE..... 264.
 ALKALINITY..... 85. AS CAC03
 TOTAL DISSOLVED SOLIDS... 213.

ANALYSIS IN MG/L

AG.....	CO3.....	22.			
AL.....	CR.....		MG...	0.3	
AU.....	CU.....		MO...		SI02. 62.
B.....	F.....	12.	NA...	60.	
BA.....	FE+3....		NA+K..		S04.. 14.
CA.....	HC03....	58.	N03..	0.2	
CL.....					
CO.....	K.....	1.3			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WARING, 1965

RECORD 00322

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SUNFLOWER CREEK HOT SPRING
 WELL/SPRING NUMBER..... 16N-12E-15-BBB 1S

GEOHERM FILE ID: 0081291

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... IDAHO 16N 012E 15 NW OF NW NW
 COUNTY..... VALLEY B&M: BOISE
 MAP REFERENCE..... SLIDEROCK RIDGE 1:24000

COORDINATES
 LAT/LONG... 44-43.77 N 114-59.57 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/07/03 CATER AND OTHERS
 TEMPERATURE (C)..... 65.
 DISCHARGE..... 136. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 369.
 ALKALINITY..... 92. AS CAC03
 TOTAL DISSOLVED SOLIDS... 377.

ANALYSIS IN MG/L

AG.....	CO3.....	30.			
AL.....	CR.....		MG...	0.1	
AU.....	CU.....		MO...		SI02. 82.
B.....	F.....	109.	NA...	77.	
BA.....	FE+3....		NA+K..		S04.. 41.

ISOTOPES (0/00)

CA.... 3.0 HCO3.... 61.
 CD.... H2S..... P04.. N
 CL.... 90.
 CO.... K..... 1.6

REFERENCE AND IDENTIFICATION

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

RECORD 00323

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081299

NAME OF SAMPLE SOURCE... TEAPOT HOT SPRINGS
 WELL/SPRING NUMBER..... 18N-06E-09-ADC 15

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 006E 09 SW OF SE NE
 STATE..... IDAHO B&M: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... TEAPOT MTN 1:24000

LAT/LONG... 44-54.82 N 115-43.29 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/10/08 MITCHELL, JOHN
 TEMPERATURE (C)..... 60.
 DISCHARGE..... 57. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.9
 SPECIFIC CONDUCTANCE..... 360.
 ALKALINITY..... 106. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 227.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	C03....	31.			
AU....	CU....		MO...	SI02.	69.
B....	F.....	9.9	NA...	63.	
BA....	FE+3....		NA+K.	S04..	12.
CA....	HCO3....	66.	N03..	N	
CD....	H2S.....		P04..	0.01	
CL....					
CO....	K.....	1.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... BEARD, 1978 (SITE INSPECTION); MITCHELL, 1977

RECORD 00324

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081286

NAME OF SAMPLE SOURCE... VULCAN HOT SPRINGS
 WELL/SPRING NUMBER..... 14N-06E-11-BDA 15
 WARNING NUMBER..... 32

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14N 006E 11 NE OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... VALLEY
 MAP REFERENCE..... WARM LAKE 1:62500

LAT/LONG... 44-34.06 N 115-41.70 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/08/02 YOUNG AND MITCHELL
 TEMPERATURE (C)..... 88.
 DISCHARGE..... 2271. L/MIN
 PERTINENT LITHOLOGY..... CRETACEOUS GRANITIC ROCK.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 451.
 ALKALINITY..... 98. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 361.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	N			
AL....		CR.....		MG...	0.1	
AU....		CU.....		MO...		SI02.. 120.
B....		F.....	24.	NA...	94.	
BA....		FE+3....		NA+K..		S04.. 43.
CA....	1.8	HC03....	120.	N03..	0.05	
CD....		H2S.....		P04..	0.05	
CL....	17.					
CO....		K.....	3.0			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WARING, 1965

RECORD 00325

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0081313

NAME OF SAMPLE SOURCE... A. FAIRCHILD LUMBER CO.
 WELL/SPRING NUMBER..... 13N-04W-13-BAC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13N 004W 13 SW OF NE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... WASHINGTON
 MAP REFERENCE..... MANN CREEK 1:62500

LAT/LONG... 44-27.96 N 116-45.93 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/08
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 417.
 DISCHARGE..... 151. L/MIN
 PERTINENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 375.
 ALKALINITY..... 187. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 293.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.....	20.			
AL....		CR.....		MG...	0.2	
AU....		CU.....		MO...		SI02.. 73.
B....		F.....	0.7	NA...	86.	
BA....		FE+3....		NA+K..		S04.. 14.
CA....	3.5	HC03....	188.	N03..	0.04	
CD....		H2S.....		P04..	0.03	
CL....	3.2					

CO..... K..... 0.7
REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WALKER AND SISCO, 1964

RECORD 00326

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081301

NAME OF SAMPLE SOURCE... COVE CREEK HOT SPRINGS
 WELL/SPRING NUMBER..... 10N-03W-09-CCC 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 10N 003W 09 SW OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... WASHINGTON
 MAP REFERENCE..... HOLLAND GULCH 1:24000

COORDINATES
 LAT/LONG... 44-12.67 N 116-42.60 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/09 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 74.
 DISCHARGE..... 1893. L/MIN
 PERTINENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 1939.
 ALKALINITY..... 88. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1169.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... 0.2
 AU..... CU..... MO... SI02. 130.
 B..... F..... 4.7 NA... 320.
 BA..... FE+3..... NA+K. S04.. 310.
 CA..... 20. HCO3..... 107. NO3.. N
 CD..... H2S..... P04.. 0.12
 CL..... 310.
 CO..... K..... 22.

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND OTHERS, 1975

RECORD 00327

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081303

NAME OF SAMPLE SOURCE... CRANE CREEK HOT SPRINGS #1
 WELL/SPRING NUMBER..... 11N-03W-07-BDB 1S
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 003W 07 NW OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... WASHINGTON
 MAP REFERENCE..... CRANE CREEK 1:62500

COORDINATES
 LAT/LONG... 44-18.40 N 116-44.68 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/02 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 92.
 DISCHARGE..... 76. L/MIN

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.8
 SPECIFIC CONDUCTANCE..... 1629.
 ALKALINITY..... 165. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1059.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	C03.....	N				
AL....	CR.....		MG...	0.5		
AU....	CU.....		MO...		SI02.	180.
B.....	F.....	3.2	NA...	280.		
BA....	FE+3....		NA+K.		S04..	250.
CA....	HC03....	201.	N03..	0.01		
CL....		200.				
CO....	K.....	18.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... YOUNG AND WHITEHEAD, 1975 (GARCIA IDWR 1978)

RECORD 00328

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081304

NAME OF SAMPLE SOURCE... CRANE CREEK HOT SPRINGS #2
 WELL/SPRING NUMBER..... 11N-03W-07-B0B

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 003W 07 NW OF SE NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... WASHINGTON
 MAP REFERENCE..... CRANE CREEK 1:62500

LAT/LONG... 44-18.38 N 116-44.73 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/02 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 56.
 DISCHARGE..... 38. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM OVERLYING MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1569.
 ALKALINITY..... 166. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1071.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	C03.....	N				
AL....	CR.....		MG...	0.6		
AU....	CU.....		MO...		SI02.	190.
B.....	F.....	3.2	NA...	280.		
BA....	FE+3....		NA+K.		S04..	250.
CA....	HC03....	202.	N03..	0.03		
CL....		200.				
CO....	K.....	19.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... NEWCOMB, 1970

RECORD 00329

GEOTHERM FILE ID: 0081305

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DOUGLAS MCGINNIS WELL
WELL/SPRING NUMBER..... 11N-05W-20-BDD 1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 005W 20 SE OF SE NW
STATE..... IDAHO B&M: BOISE
COUNTY..... WASHINGTON
MAP REFERENCE..... MANN CREEK 1:62500

COORDINATES

LAT/LONG... 44-16.55 N 116-57.74 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/09 YOUNG AND WHITEHEAD

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 59.

DISCHARGE..... 114. L/MIN

PERTINENT LITHOLOGY..... QUATERNARY AND TERTIARY SEDIMENTS OVERLAYING MIOCENE BASALT.

WATER ANALYSIS

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

PH..... 7.2

SPECIFIC CONDUCTANCE..... 271.

ALKALINITY..... 111. AS CaCO3

TOTAL DISSOLVED SOLIDS... 219.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	5.3		
AU....	CU.....	MO....		SI02..	54.
B..... N	F..... 0.5	NA....	21.		
BA....	FE+3....	NA+K..		S04..	25.
CA.... 31.	HC03.... 136.	N03..	1.8		
CL.... 6.8					
CO....	K..... 6.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND WHITEHEAD, 1975

RECORD 00330

GEOTHERM FILE ID: 0081302

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ELVIN CRAIG
WELL/SPRING NUMBER..... 11N-02W-16-AAC 1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 002W 16 SW OF NE NE
STATE..... IDAHO B&M: BOISE
COUNTY..... WASHINGTON
MAP REFERENCE..... CRANE CREEK 1:62500

COORDINATES

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.

DISCHARGE..... 10977. L/MIN

PERTINENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

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

PH..... 8.0

SPECIFIC CONDUCTANCE..... 440.
ALKALINITY..... 232. AS CAC03
TOTAL DISSOLVED SOLIDS... 332.

ANALYSIS IN MG/L ISOTOPES (0/00)
AG..... CO3..... N
AL..... CR..... MG... 19.
AU..... CU..... MO... SI02. 81.
R..... F..... 0.3 NA... 26.
BA..... FE+3..... NA+K. S04.. 11.
CA..... 31. HCO3..... 283.
CL..... 2.2
CO..... K..... 13.

REFERENCE AND IDENTIFICATION

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

RECORD 00331

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081316

NAME OF SAMPLE SOURCE... FAIRCHILD HOT SPRINGS
WELL/SPRING NUMBER..... 14N-03W-19-CBD 1S

LOCATION TOWNSHIP-RANGE COORDINATES
COUNTRY..... UNITED STATES 14N 003W 19 SE OF NE SW LAT/LONG... 44-31.88 N 116-45.21 W
STATE..... IDAHO B&M: BOISE
COUNTY..... WASHINGTON
MAP REFERENCE..... CAMBRIDGE 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/27 YOUNG AND MITCHELL
TEMPERATURE (C)..... 50.
DISCHARGE..... 220. L/MIN
PERTINENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.5
SPECIFIC CONDUCTANCE..... 406.
ALKALINITY..... 68. AS CAC03
TOTAL DISSOLVED SOLIDS... 312.

ANALYSIS IN MG/L ISOTOPES (0/00)
AG..... CO3..... 1.0
AL..... CR..... MG... 0.8
AU..... CU..... MO... SI02. 55.
B..... F..... 0.8 NA... 80.
BA..... FE+3..... NA+K. S04.. 110.
CA..... 8.0 HCO3..... 81. NO3.. 0.3
CD..... H2S..... P04.. 0.05
CL..... 15.
CO..... K..... 1.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... NEWCOMB, 1970

RECORD 00332

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081309

NAME OF SAMPLE SOURCE... GEOSOLAR GROWERS WELL #1
 WELL/SPRING NUMBER..... 11N-06W-10-CCA 1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 006W 10 NE OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... WASHINGTON
 MAP REFERENCE..... OLDS FERRY 1:62500

COORDINATES
 LAT/LONG... 44-17.93 N 117- 2.98 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1972/08/02 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 70.
 WELL DEPTH (M)..... 122.
 DISCHARGE..... 5678. L/MIN
 PERTINENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.3
 SPECIFIC CONDUCTANCE..... 7259.
 ALKALINITY..... 88. AS CAC03
 TOTAL DISSOLVED SOLIDS... 549.

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG..... C03..... 38.
 AL..... CR..... MG... N
 AU..... CU..... MO... SI02. 140.
 B..... F..... 3.3 NA... 140.
 BA..... FE+3..... NA+K. S04.. 150.
 CA..... 2.9 HCO3..... 35. P04.. 0.06
 CD..... H2S.....
 CL..... 66.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... NEWCOMB, 1970

RECORD 00333

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081310

NAME OF SAMPLE SOURCE... GEOSOLAR GROWERS WELL #2
 WELL/SPRING NUMBER..... 11N-06W-10-CCA
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 006W 10 NE OF SW SW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... WASHINGTON
 MAP REFERENCE..... OLDS FERRY 1:62500

COORDINATES
 LAT/LONG... 44-17.97 N 117- 2.98 W

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/08/23 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 77.
 WELL DEPTH (M)..... 313.
 DISCHARGE..... 76. L/MIN
 PERTINENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS
 DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.1
 SPECIFIC CONDUCTANCE..... 683.
 ALKALINITY..... 95. AS CAC03
 TOTAL DISSOLVED SOLIDS... 541.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	41.				
AL.....		CR.....		MG...	0.1		
AU.....		CU.....		MO...		SI02..	130.
B.....		F.....	3.9	NA...	140.		
BA.....		FE+3.....		NA+K..		S04..	150.
CA.....	2.7	HCO3.....	33.	NO3..	0.01		
CD.....		H2S.....		P04..	0.01		
CL.....	52.						
CO.....		K.....	5.3				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... NEWCOMB, 1970

RECORD 00334

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081311

NAME OF SAMPLE SOURCE... GEOSOLAR GROWERS WELL #3
 WELL/SPRING NUMBER..... 11N-06W-10-CCA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	11N 006W 10 NE OF SW SW	LAT/LONG...	44-17.96 N 117-08.93 W
STATE.....	IDAHO	B&M: BOISE		
COUNTY.....	WASHINGTON			
MAP REFERENCE.....	OLDS FERRY 1:62500			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/02 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 78.
 WELL DEPTH (M)..... 28.
 DISCHARGE..... 38. L/MIN
 PERTINENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 9.2
 SPECIFIC CONDUCTANCE..... 734.
 ALKALINITY..... 92. AS CAC03
 TOTAL DISSOLVED SOLIDS... 653.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....		CO3.....	37.				
AL.....		CR.....		MG...	N		
AU.....		CU.....		MO...		SI02..	140.
B.....		F.....	2.9	NA...	140.		
BA.....		FE+3.....		NA+K..		S04..	150.
CA.....	2.6	HCO3.....	32.	NO3..	0.01		
CL.....	56.						
CO.....		K.....	4.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... NEWCOMB, 1970

RECORD 00335

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081306

NAME OF SAMPLE SOURCE... GLENN HILL WELL
 WELL/SPRING NUMBER..... 11N-06W-03-DBB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 006W 03 NW OF NW SE
STATE..... IDAHO B&M: BOISE
COUNTY..... WASHINGTON
MAP REFERENCE..... OLDS FERRY SE 1:24000

LAT/LONG... 44-19.06 N 117- 2.47 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/03 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 24.
WELL DEPTH (M)..... 183.
DISCHARGE..... 189. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS, MIOCENE BASALT (?).

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.6
SPECIFIC CONDUCTANCE..... 624.
ALKALINITY..... 55. AS CAC03
TOTAL DISSOLVED SOLIDS... 909.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	N		
AU.....		CU.....		MO...		SI02..	542.
B.....		F.....	1.9	NA...	120.	S04..	180.
RA.....		FE+3.....		NA+K..			
CA.....	4.4	HCO3.....	67.	NO3..	0.01		
CD.....		H2S.....		P04..	0.03		
CL.....	28.						
CO.....		K.....	0.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
REFERENCE..... YOUNG AND OTHERS, 1975

RECORD 00336

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081307

NAME OF SAMPLE SOURCE... GLENN HILL WELL
WELL/SPRING NUMBER..... 11N-06W-03-DCB 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 006W 03 NW OF SW SE
STATE..... IDAHO B&M: BOISE
COUNTY..... WASHINGTON
MAP REFERENCE..... OLDS FERRY 1:62500

LAT/LONG... 44-18.86 N 117- 2.41 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/07 YOUNG AND WHITEHEAD
TEMPERATURE (C)..... 25.
WELL DEPTH (M)..... 66.
DISCHARGE..... 1136. L/MIN
PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS, MIOCENE BASALT (?).

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 7.4
SPECIFIC CONDUCTANCE..... 579.
ALKALINITY..... 72. AS CAC03
TOTAL DISSOLVED SOLIDS... 961.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....	36.				
AL.....		CR.....		MG...	0.1		

AU....	CU.....	MO...	SI02..	577.
B.....	F.....	NA... 130.	S04..	150.
BA.....	FE+3....	NA+K..		
CA..... 4.0	HCO3....	N03... N		
CD.....	H2S.....	P04... N		
CL..... 55.				
CO.....	K..... 1.2			

REFERENCE AND IDENTIFICATION

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

RECORD 00337

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081314

NAME OF SAMPLE SOURCE... SALUBRIA CEMETERY WELL
 WELL/SPRING NUMBER..... 14N-02W-06-BBA 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14N 002W 06 NE OF NW NW
 STATE..... IDAHO B&M: BOISE
 COUNTY..... WASHINGTON
 MAP REFERENCE..... CAMBRIDGE 1:62500

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.
 WELL DEPTH (M)..... 56.
 DISCHARGE..... G 1136. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.8
 SPECIFIC CONDUCTANCE..... 999.
 ALKALINITY..... 53. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 568.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....	CO3.....	20.			
AL....	CR.....		MG... 0.1		
AU....	CU.....		MO... SI02.. 72.		
B.....	F.....	1.9	NA... 200.		
BA.....	FE+3....		NA+K.. S04.. 200.		
CA..... 17.	HCO3....	24.	N03... 0.06		
CD.....	H2S.....		P04... 0.09		
CL..... 140.					
CO.....	K.....	3.8			

REFERENCE AND IDENTIFICATION

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

RECORD 00338

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081315

NAME OF SAMPLE SOURCE... VILLAGE OF CAMBRIDGE WELL
 WELL/SPRING NUMBER..... 14N-03W-03-DDC 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14N 003W 03 SW OF SE SE

LAT/LONG... 44-34.37 N 116-40.67 W

STATE..... IDAHO B&M: BOISE
COUNTY..... WASHINGTON
MAP REFERENCE..... CAMBRIDGE 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/28 YOUNG AND MITCHELL
TEMPERATURE (C)..... 26.
WELL DEPTH (M)..... 283.
DISCHARGE..... 1514. L/MIN
PERTINENT LITHOLOGY..... MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.7
SPECIFIC CONDUCTANCE..... 309.
ALKALINITY..... 155. AS CaCO3
TOTAL DISSOLVED SOLIDS... 265.

ANALYSIS IN MG/L

AG..... CO3..... 16.
AL..... CR..... MG... 0.2
AU..... CU..... MO... SI02. 70.
B..... F..... 1.0 NA... 73.
BA..... FE+3..... NA+K. S04.. 15.
CA..... 2.6 HCO3..... 157. NO3.. 0.04
CD..... H2S..... P04.. 0.04
CL..... 3.8
CO..... K..... 6.8

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

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

RECORD 00339

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0081312

NAME OF SAMPLE SOURCE... VILLAGE OF MIDVALE
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 B&M: BOISE
COUNTY..... WASHINGTON

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/28 YOUNG AND MITCHELL
TEMPERATURE (C)..... 28.
WELL DEPTH (M)..... 294.
DISCHARGE..... 7571. L/MIN
PERTINENT LITHOLOGY..... MIOCENE BASALT, QUATERNARY AND TERTIARY SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
PH..... 8.3
SPECIFIC CONDUCTANCE..... 338.
ALKALINITY..... 184. AS CaCO3
TOTAL DISSOLVED SOLIDS... 318.

ANALYSIS IN MG/L

AG..... CO3..... N
AL..... CR..... MG... 0.8
AU..... CU..... MO... SI02. 84.
B..... F..... 0.7 NA... 73.

ISOTOPES (0/00)

BA....	FE+3....	NA+K.	S04..	14.
CA.... 8.7	HCO3.... 225.	N03.. 0.04		
CD....	H2S.....	P04.. 0.04		
CL.... 3.1				
CO....	K..... 23.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... DENMAN, GEORGE O.
 COMPILER AFFILIATION... IDAHO DEPARTMENT OF WATER RESOURCES
 REFERENCE..... WALKER, 1964

RECORD 00340

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0081308

NAME OF SAMPLE SOURCE... WEISER WARM SPRINGS
 WELL/SPRING NUMBER..... 11N-06W-10-ACB 1S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 006W 10 NW OF SW NE LAT/LONG... 44-18.39 N 117- 2.52 W
 STATE..... IDAHO B&M: BOISE
 COUNTY..... WASHINGTON
 MAP REFERENCE..... OLDS FERRY 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/08/06 YOUNG AND WHITEHEAD
 TEMPERATURE (C)..... 22.
 DISCHARGE..... 19. L/MIN
 PERTINENT LITHOLOGY..... PLIOCENE AND PLEISTOCENE SEDIMENTS; MIOCENE BASALT.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 335.
 ALKALINITY..... 36. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 197.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N			
AL....	CR.....	MG...	1.8	
AU....	CU.....	MO...		SI02. 31.
R....	F..... 1.2	NA...	50.	
BA....	FE+3....	NA+K.		S04.. 53.
CA.... 12.	HCO3.... 44.	N03..	8.0	
CD....	H2S.....	P04..	0.08	
CL.... 17.				
CO....	K..... 1.4			

REFERENCE AND IDENTIFICATION

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