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United States Department of the Interior Geological Survey, Utah, Basic Data for Thermal Springs and Wells as Recorded in Geotherm

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USGS-OFR--83-437

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

USGS-OFR--83-437

TI85 901650

UTAH

Basic data for thermal springs and wells
as recorded in GEOTHERM

By

James D. Bliss

MASTER

USGS- Open-File Report-83-437

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

Menlo Park, California

May 1983

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INTRODUCTION

GEOTHERM, a computerized information system now off-line, was used to maintain data on the geology, geochemistry and hydrology of geothermal sites primarily within the United States. The system was proposed at the First Geothermal Implementation Conference in New Zealand in 1974 (Swanson, 1977) and was active until 1983. The primary mission was to provide a broad informational framework for the Geothermal Research Program (Duffield and Guffanti, 1981). GEOTHERM was used to support national geothermal assessments--in 1978 (Muffler, 1979) and 1982 (Reed, 1983). It was however a public system and provided data to both public and private sectors. A detailed discussion on databases in GEOTHERM and a general scheme of how the information system operated can be found in Bliss and Rapport (1983).

This report on Utah is one of a series intended to preserve the data collected for GEOTHERM and make the data available to the public. States with significant geochemical data for geothermal fluids will be covered in individual reports such as this. A report will also be issued to cover miscellaneous data collected for sites in the central and eastern United States. The data presented in this series is also available as a data file on the internationally-available General Electric Mark III service, a timeshare network. Those interested in accessing that system should contact the Energy Resource Center, University of Oklahoma, Norman, Oklahoma 73070. It is anticipated that a portion of the data will also be available on magnetic tape from the National Technical Information Service, U. S. Department of Commerce, Springfield, VA 22161. It will not be available until after the completion of the open-file series.

GEOTHERM INDEXES

Three computer-generated indexes are found in appendices A, B, and C of this report. The indexes give one line summaries of each GEOTHERM record describing the chemistry of geothermal springs and wells in the sample file for Utah. Each index is sorted by different variables to assist the user in locating geothermal records describing specific sites.

Appendix A (p. 335-346) is sorted by the county name and the name of the source. Also given are latitude, longitude (both use decimal minutes), township, range, section, GEOTHERM record identifier, and temperature (°C). In conducting a search of Appendix A, site names are quite useful for locating springs or wells for which a specific name is commonly used, but sites which do not have specific names are more difficult to locate. It is suggested that site titles which begin with words such as warm, hot, unnamed, pumped, well, or spring be checked. Descriptive text found as part of the site name and the site coordinates should be used to assist in determining location.

Appendix B (p. 347-359) is sorted by township, range, and section. Also given are name of source, GEOTHERM record identifier, and temperature (°C). Records missing items used for sorting will be listed first.

Appendix C (p. 360-372) is first sorted into one-degree blocks by latitude, and longitude, and then by name of source. Adjacent one-degree blocks which are published as a 1:250,000 map are combined under the appropriate map name. Also given are GEOTHERM record identifier, and temperature (°C). Records missing items used for sorting will be listed first. Numbers with a blank in the same position as zero will be given first.

GEOTHERM SAMPLE FILE

GEOTHERM sample file contains 643 records for Utah (Table 1). Records may be present which are duplicates for the same analyses. A record may contain data on location, sample description, analysis type (water, condensate, or gas), collection condition, flow rates, and the chemical and physical properties of the fluid. Stable and radioactive isotopic data are occasionally available. Some records may contain only location and temperature. When sufficient chemical data was available, the charge balance (percentage of difference in anion- and cation-milli-equivalents) was computed and added to the record. Many of the numeric fields in the sample file can be directly qualified. The qualifier code precedes the number when appropriate. The codes and their meaning are given in Table 1.

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

This compilation should contain all of the chemical data for geothermal fluids in Utah available as of December, 1981. However, no claim is made for completeness, and published sources have probably been missed. Less than 1% of the records in this list contains information which was unpublished at the time of data entry. A critically evaluated and corrected list of over 2000 records for the United States was extracted from the sample file and issued as a reference document for the national low-temperature geothermal resource assessment (Reed and others, 1983). This, along with a list of geothermal springs by Berry, and others (1980) may be useful to some users.

GEOThERM BIBLIOGRAPHY

A bibliography is given in Appendix D (p. 373-379). The abbreviated form of the reference (called code) is identified as the record source in the full record list and is used to sort the entries in this appendix. Codes with a leading "*" identify records based on information which was unpublished at the time the record was prepared. Codes with a trailing "*" in the full GEOThERM record are also described in greater detail in Appendix D and are listed ahead of published sources.

ACKNOWLEDGMENTS

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

REFERENCES CITED

- Berry, G. W., Grim, P. J., and Ikelman, J. A., 1980, Thermal springs list for the United States: National Oceanic and Atmospheric Administration, Key to Geophysical Records Document No. 12, 59 p.
- Bliss, J. D., and Rapport, Amy, 1983, GEOThERM: the U.S. Geological Survey geothermal information system: Computers & Geosciences, v. 9, no. 1, p. 35-39.
- Duffield, W. A., and Guffanti, Marianne, 1981, The geothermal research program of the U.S. Geological Survey: U.S. Geological Survey Open-File Report 81-564, 108 p.
- Muffler, L. J. P., ed., 1979, Assessment of geothermal resources of the United States--1978: U.S. Geological Survey Circular 790, 163 p.
- Reed, M. J., ed., 1983, Assessment of low-temperature geothermal resources of the United States--1982: U.S. Geological Survey Circular 892.
- Reed, M. J., Mariner, R. H., Brook, C. A., and Sorey, M. L., 1983, Selected data for low-temperature (less than 90°C) geothermal systems in the United States; reference data for U.S. Geological Survey Circular 892: U.S. Geological Survey Open-File Report 83-250, 129 p.
- Swanson, J. R., 1977, GEOThERM data file: Geothermal Resources Council Transactions, v. 1, p. 285.

TABLE 1

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

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

UTM: The UTM Easting label was omitted. However, if the UTM Easting figure is present in the record, it will be found directly below the UTM Northing label.

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

L = less than

G = greater than

E = estimated

T = trace (no numeric value reported)

N = not detected (not followed by number)

Q = qualified (other data in qualification field)

R = midpoint of range (actual range in qualification field)

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

RECORD 00001

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... A. W. WINBERG

GEO THERM FILE ID: 0017015

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 28S 010W 05 SW OF NW
 COUNTY..... BEAVER

COORDINATES

LAT/LONG... 38-23.94 N 112-59.88 W
 UTM ZONE... +12
 NORTHING... 4251770.
 325523.

GEOLOGIC PROVINCESAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 99.
 DISCHARGE..... 34. L/MIN

WATER ANALYSISANALYSIS IN MG/L

HE..... FE(TOT)..... NB... S04... L 35.
 CA..... HCO3..... 130.
 CL..... 24.

ISOTOPE (O/D001)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00002

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BARTON, S. R.

GEO THERM FILE ID: 0017234

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 29S 008W 36 NE OF NE
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE... 35

COORDINATES

LAT/LONG... 38-14.94 N 112-42.00 W
 UTM ZONE... +12
 NORTHING... 4234603.
 351242.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1906/00/00
 TEMPERATURE (C)..... 23.3
 WELL DEPTH (M)..... 96.
 DISCHARGE..... 26. L/MIN

WATER ANALYSISANALYSIS IN MG/L

HE..... FE(TOT)..... N
 CL..... 20.

ISOTOPE (O/D001)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00003

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DOTSONS (RADIUM)

GEO THERM FILE ID: 0017021

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 30S 009W 07
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-12.96 N 112-54.12 W
 UTM ZONE... +12
 NORTHING... 4231285.
 333489.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 31.7
DISCHARGE..... 379. L/MIN

WATER ANALYSIS

ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... MUNDORFF, 1970

GEO THERM SAMPLE FILE

RECORD 00004

NAME OF SAMPLE SOURCE... DOTSONS (RADIUM)

GEO THERM FILE ID: 0017020

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE
STATE..... UTAH 30S 09W 07
COUNTY..... BEAVER

COORDINATES

LAT/LONG... 38-12.96 N 112-54.12 W
UTM ZONE... +12
NORTHING... 4231285.
333489.

GEOLOGIC PROVINCE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 36.1
DISCHARGE..... 216. L/MIN

WATER ANALYSIS

ANALYSIS IN MG/L

BE..... FE(TOT). N NB... 504... 87.
CA..... HCO3..... 205. 70.

ISOTOPES (U/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... LEE, 1908

GEO THERM SAMPLE FILE

RECORD 00005

NAME OF SAMPLE SOURCE... DOTSONS (RADIUM)

GEO THERM FILE ID: 0017451

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE
STATE..... UTAH 30S 09W 07 SW OF NE
COUNTY..... BEAVER

COORDINATES

LAT/LONG... 38-12.96 N 112-54.00 W
UTM ZONE... +12
NORTHING... 4231281.
333664.

GEOLOGIC PROVINCE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/08/21
TEMPERATURE (C)..... 32.5

WATER ANALYSIS

PH..... 8.3
SPECIFIC CONDUCTANCE... 1420.
TOTAL DISSOLVED SOLIDS... 1030.
CHARGE IMBALANCE (% DIFF)... 4.7

ANALYSIS IN MG/L

AG..... CO3..... 3.
AL..... CH..... MG... 24.
H..... 0.31 F..... 9.8 NA... 170. SI02. 31.
RE..... FE(TOT). 0.02 NB... 504... 480.
CA..... 110. HCO3..... 220. NU3... 0.2
CL..... 65.

ISOTOPES (U/00)

CO..... K..... 18.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CONDOVA, 1974

RECORD 00006

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017452

NAME OF SAMPLE SOURCE... DOTSONS (RADIUM)
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 30S 009W 07 SW OF NE LAT/LONG... 38-12.96 N 112-54.00 W
 COUNTY..... BEAVER UTM ZONE... +12
 GEOLOGIC PROVINCE... 35 NORTHING... 4231281.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/07/11
 TEMPERATURE (C)..... 31.5
 WATER ANALYSIS

P..... 7.4
 SPECIFIC CONDUCTANCE..... 1390.
 TOTAL DISSOLVED SOLIDS... 1020.
 CHARGE IMBALANCE (% DIFF)... 1.2

ANALYSIS IN MG/L

ISOTOPIES (0/100)

AG....		CO3....	N				
AL....		CR....		MG...	35.		
H....	0.47	F....	4.5	NA...	170.	SI02.	32.
RE....		FE(TQT)...		NB...		S04..	440.
CA....	88.	HCO3....	228.	NO3..	N		
CL....	63.						

CO..... K..... 17.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CONDOVA, 1974

RECORD 00007

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017014

NAME OF SAMPLE SOURCE... E. TANNER
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 28S 010W 05 SW OF NW LAT/LONG... 38-23.94 N 112-59.88 W
 COUNTY..... BEAVER UTM ZONE... +12
 GEOLOGIC PROVINCE... NORTHING... 4251770.
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 87.
 DISCHARGE..... 30. L/MIN

WATER ANALYSIS

ISOTOPIES (0/100)

FE....		FE(TQT)...	N	NB...		S04..	L 35.
CA....		HCO3....	101.				
CL....	38.						

REFERENCE AND IDENTIFICATION
 COMPILED BY..... ROOUE, M.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00008

GEOTHERM FILE 101 0017193

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... EARTH SCIENCES, INC.

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 28S 014W 11 SE OF NE
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-20.82 N 113-23.28 W
 UTM ZONE... +12
 NORTHING... 4246849.
 291312.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/27
 TEMPERATURE (C)..... 24.5
 WELL DEPTH (M)..... 449.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 985.
 TOTAL DISSOLVED SOLIDS... 586.
 CHARGE IMBALANCE (% DIFF)... 3.0

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....		HG... 6.4			
H.... 0.12		F..... 1.0		NA... 86.	S102. 58.		
HE....		FE(TOT).		NH... 504..	82.		
CA.... 21.		HCO3.... 169.		NO3.. 0.85			
CL.... 32.							
CO....		K..... 11.					

ISOTOPES (U/100)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1974B

RECORD 00009

GEOTHERM FILE 101 0017007

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FORGIE, J.

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 28S 010W 18 SE OF NE
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 38-22.86 N 113- 0.96 W
 UTM ZONE... +12
 NORTHING... 4249847.
 323901.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.6
 WELL DEPTH (M)..... 109.
 DISCHARGE..... 95. L/MIN

WATER ANALYSISANALYSIS IN MG/L

HE....		FE(TOT).		NH... 504.. T		
CA....		HCO3.... 141.				
CL.... 14.						

ISOTOPES (U/100)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00010

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017448

NAME OF SAMPLE SOURCE... GOODWIN, G. C.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 28S 010W 18 SW OF NE

LAT/LONG... 38-22.74 N 113- 0.44 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... HEAVEN

NORTHING... 4249581.

GEOLOGIC PROVINCE..

324077.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/03

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 138.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 364.

ANALYSIS IN MG/L

ISOTOPIES (0/00)

AG....

CO3..... N

H....

F..... 1.0

NA... 56.

S102. 34.

HE....

FE(TOT).

NB...

S04.. 37.

CA....

MCO3... 164.

CL.... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00011

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017235

NAME OF SAMPLE SOURCE... GREENVILLE SCHOOL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 29S 008W 25 NE OF SW

LAT/LONG... 38-15.30 N 112-42.54 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... HEAVEN

NORTHING... 4235283.

GEOLOGIC PROVINCE..

350466.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1906/00/00

TEMPERATURE (C)..... 20.0

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

DISCHARGE..... 42. L/MIN

WATER ANALYSIS

ANALYSIS IN MG/L

ISOTOPIES (0/00)

HE....

FE(TOT). N

CL.... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... LEE, 1908

RECORD 00012

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017232

NAME OF SAMPLE SOURCE... GREENVILLE WARD LDS CHURCH

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 29S 008W 25 NE OF SW

LAT/LONG... 38-15.30 N 112-42.54 W

STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

UTM ZONE... +12
 NORTHING... 4235203.
 350460.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/09/11
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 104.
 OTHER SAMPLE INFORMATION.. DRILLED 1905

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 298.
 TOTAL DISSOLVED SOLIDS... 254.

ANALYSIS IN MG/L

AL....	CR.....	MG...	5.4		
B.....	F.....	NA...		SI02.	69.
BA....	FE+3...	NA+K.	29.		
BE....	FE(TOT).	NB...		SO4..	48.
CA.... 32.	HCO3....	NO3..	0.7		
CL.... 7.					

ISOTOPES (O/100)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SANDHENG, 1963

RECORD 00013

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017447

NAME OF SAMPLE SOURCE... HANSON LAND & LIVESTOCK
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 285 010W 14 SE OF SE
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-22.98 N 112-56.94 W
 UTM ZONE... +12
 NORTHING... 4249903.
 329765.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/05/20
 TEMPERATURE (C)..... 20.5
 WELL DEPTH (M)..... 78.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 340.
 TOTAL DISSOLVED SOLIDS... 224.
 CHARGE IMBALANCE (% DIFF)... 6.9

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	5.7		
B.....	F..... 0.6	NA...	29.	SI02.	27.
BE....	FE(TOT).	NB...		SO4..	25.
CA.... 33.	HCO3....	NO3..	0.7		
CL.... 33.					
CO....	K..... 2.2				

ISOTOPES (O/100)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUEER AND CORUVA, 1974

RECORD 00014

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0017009

NAME OF SAMPLE SOURCE... LEWIS, A.B.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 28S 010W 18 SE OF NE
 STATE..... UTAH
 COUNTY..... BEAVER

LAT/LONG... 38-22.86 N 113- 0.96 W
 UTM ZONE... +12
 NORTHING... 4249807.
 323907.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 26.6
 WELL DEPTH (M)..... 91.
 DISCHARGE..... 140. L/MIN
 OTHER SAMPLE INFORMATION.. TWO WELLS.

WATER ANALYSIS

ANALYSIS IN MG/L

ISOTOPES (O/001)

HE.... FE(TOT). NB... S04.. N
 CA.... HCO3.... 145.
 CO.... H2S..... T
 CL.... 17.

QUALIFICATION FIELD..... H2S IN BOTTOM OF WELL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00015

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0017008

NAME OF SAMPLE SOURCE... LEWIS, A.B.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 28S 010W 18 SE OF NE
 STATE..... UTAH
 COUNTY..... BEAVER

LAT/LONG... 38-22.86 N 113- 0.96 W
 UTM ZONE... +12
 NORTHING... 4249807.
 323907.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 26.6
 WELL DEPTH (M)..... 229.
 DISCHARGE..... 7.6 L/MIN
 OTHER SAMPLE INFORMATION.. TWO WELLS.

WATER ANALYSIS

ANALYSIS IN MG/L

ISOTOPES (O/001)

HE.... FE(TOT). NB... S04.. N
 CA.... HCO3.... 283.
 CO.... H2S..... T
 CL.... 35.

QUALIFICATION FIELD..... H2S IN BOTTOM OF WELL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00016

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0017010

NAME OF SAMPLE SOURCE... MCCAULEY, JO
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** 28S 010W 18 SE OF NE
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..
SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 85.
 DISCHARGE..... 26. L/MIN
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

COORDINATES
 LAT/LONG... 38-22.86 N 113- 0.96 W
 UTM ZONE... +12
 NORTING... 4249807.
 323907.

RECORD 00017

GEOTHERM FILE 101 0017444

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... MCKEAN, P. B. (ROOSEVELT)
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** 26S 009W 34 SW OF NW
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-30.18 N 112-51.06 W
 UTM ZONE... +12
 NORTING... 4263043.
 338593.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1957/09/11
 TEMPERATURE (C)..... 56.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 12700.
 TOTAL DISSOLVED SOLIDS... 7800.
 CHARGE IMBALANCE (% DIFF)... 1.4

ANALYSIS IN MG/L

AG....	CO3.....	LI... 0.27		
AL....	CR.....	MG... N		
B.... 38.	F..... 7.5	NA... 2500.	SI02.. 313.	
HE....	FE(TOT).	NB... 504..	73.	
HR.... 3.3				
CA.... 22.	HCO3.... 156.	NO3.. 11.		
CL.... 4240.	I..... 0.3			
CO....	K..... 488.			

ISOTOPE (0/00)

REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00018

GEOTHERM FILE 101 0017443

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... MCKEAN, P. B. (ROOSEVELT)
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** 26S 009W 34 SW OF NW
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..
SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES
 LAT/LONG... 38-30.18 N 112-51.06 W
 UTM ZONE... +12
 NORTING... 4263043.
 338593.

DATE/COLLECTOR..... 1950/11/04
 TEMPERATURE (C)..... 485.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 11500.
 TOTAL DISSOLVED SOLIDS... 7040.
 CHARGE IMBALANCE (% DIFF)... 7.4

ANALYSIS IN MG/L

AL.....	CR.....	MG... 3.3	<u>ISOTOPES 10/001</u>	
H.....	F..... 7.1	NA... 2080.	SI02.	405.
HE.....	FE(TOT)...	NB... 504..	504..	65.
CA..... 19.	HCO3..... 158.	NU3.. 1.9		
CL..... 3810.				
CO.....	K..... 472.			

QUALIFICATION FIELD..... GEOTHERMAL TEST WELLS HAVE REACHED TEMPERATURES OF 269 DEG C.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00019

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MCKEAN, P.B. (ROOSEVELT)

GEOTHERM FILE ID: 0017026

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 27S 009W 07

COORDINATES

LAT/LONG... 38-28.56 N 112-54.48 W
 UTM ZONE... +12
 NORTING... 4260148.
 333560.

COUNTY..... BEAVER

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1906/00/00

TEMPERATURE (C)..... 99.

DISCHARGE..... 38. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 645.

ANALYSIS IN MG/L

AL.....	CR.....	MG... 9.7	<u>ISOTOPES 10/001</u>	
H.....	F.....	NA... 102.	SI02.	101.
HA.....	FE+3.....	NA+K. 102.	504..	90.
HE.....	FE(TOT)...	NB... 5.		
CA..... 31.	HCO3..... 30.	NU3.. 1.8		
CL..... 87.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00020

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MILFORD TOWN

GEOTHERM FILE ID: 0017011

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 28S 010W 18 SE OF NE

COORDINATES

LAT/LONG... 38-22.86 N 113- 0.96 W
 UTM ZONE... +12
 NORTING... 4249807.
 323907.

COUNTY..... BEAVER

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 130.
 DISCHARGE..... 114. L/MIN

WATER ANALYSIS

ANALYSIS IN MG/L

HE..... FE(TOT). NB... S04.. L 0.01 ISOTOPES (0/00)
 CA..... HCO3..... 162.
 CL..... 13.

OTHER ANALYTICAL DATA... HARDNESS 69.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00021

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... MILFORD TOWN

GEOHEM FILE ID: 0017012

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 28S 01W 18 SE OF NE
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-22.86 N 113- 0.90 W
 UTM ZONE... +12
 NORTING... 4249805.
 323995.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 130.
 DISCHARGE..... 114. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 248.

ANALYSIS IN MG/L

AL..... CR..... MG... 6.6 ISOTOPES (0/00)
 H..... F..... NA... S102. 35.
 HA..... FE+3... NA+K. 66.
 HE..... FE(TOT). 0.1 NB... S04.. 53.
 CA..... 11. HCO3..... 190. NO3.. 0.5
 CL... 13.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00022

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... MINERSVILLE RES. & IRR. CO.

GEOHEM FILE ID: 0017233

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 29S 009W 36 SW OF NW
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 38-14.22 N 112-48.96 W
 UTM ZONE... +12
 NORTING... 4233464.
 341064.

OTHER LOCALITY INFORMATION: IN BOTTOM OF MINERSVILLE RESERVOIR.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/09/15

TEMPERATURE (C)..... 21.1

WATER ANALYSIS

PH..... 7.9

SPECIFIC CONDUCTANCE..... 1090.
 TOTAL DISSOLVED SOLIDS... 713.
 ANALYSIS IN MG/L

AL....	CR.....	MG...	39.		
B.....	F.....	NA...		SI02.	69.
BA.....	FE+3....	NA+K.	84.		
HE.....	FE(TOT)..	NB...		SO4..	93.
CA..... 107.	HCO3....	NO3..	0.6		
CL..... 75.					

ISOTOPES (O/DOL)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SANDBERG, 1963

RECORD 00023

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NEB CRAW

GEOTHERM FILE ID: 0017457

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 30S 010W 19 SE OF NE.
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-11.46 N 113- 0.84 W
 UTM ZONE... +12
 NOTHING... 4228718.
 32362J.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/07/06
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 89.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 438.
 TOTAL DISSOLVED SOLIDS... 309.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	8.5		
B.....	F.....	NA...	43.	SI02.	69.
HE.....	FE(TOT)..	NB...		SO4..	54.
CA..... 40.	HCO3....	NO3..	5.2		
CL..... 34.					

ISOTOPES (O/DOL)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00024

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NEB CRAW

GEOTHERM FILE ID: 0017456

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 30S 010W 19 SE OF NE
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-11.46 N 113- 0.84 W
 UTM ZONE... +12
 NOTHING... 4228718.
 32362J.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/08/08
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 89.

DISCHARGE..... 3785.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 400.
 TOTAL DISSOLVED SOLIDS..... 291.
 CHARGE IMBALANCE (% DIFF).... 1.9

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....	MG...	8.8			
B.....	0.09	F.....	NA...	38.	SI02.	47.	
BE....		FE(TOT).	NH...		S04..	59.	
CA....	34.	HCO3.....	NO3..	4.8			
CL....	25.						
CO....		K.....					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00025

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0016688

NAME OF SAMPLE SOURCE... PHILLIPS 3-1 - PHILLIPS PETROLEUM CO.
 KGRA..... ROOSEVELT HOT SPRINGS KGRA

LOCATION

TOWNSHIP-RANGECORRIGNALS

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... BEAVER

OTHER LOCALITY INFORMATION: APPROXIMATELY 500 FT S OF PHILLIPS 54-3 WELL.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/05/25
 TEMPERATURE (C)..... 0 205.

WATER ANALYSIS

PH..... 6.30
 TOTAL DISSOLVED SOLIDS... 7067.
 CHARGE IMBALANCE (% DIFF).... 0.8

ANALYSIS IN PPM

AG....		CO3.....	LI...	20.			
AL....		CR.....	MG...	0.01			
B.....	25.	F.....	NA...	2437.	SI02.	560.	
BE....		FE(TOT).	NH...		S04..	59.	
CA....	8.	HCO3.....	NO3..	0.1			
CL....	4090.						
CO....		K.....					

ISOTOPES (0/00)

QUALIFICATION FIELD..... TEMPERATURE MEASURED AT BOTTOM HOLE

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... CUSNER AND APPS, 1978; PARRY, 1976; WITHAM AND NEED, 1976

RECORD 00026

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0016690

NAME OF SAMPLE SOURCE... PHILLIPS 54-3

KGRA..... ROOSEVELT HOT SPRINGS KGRA

LOCATION

TOWNSHIP-RANGECORRIGNALS

RECORD 00028

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PHILLIPS 9-1 - PHILLIPS PETROLEUM CO.
 KGRA..... ROUSEVELT HOT SPRINGS KGRA

GEOHERM FILE ID: 0016689

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 27S 009W 09

COORDINATES

COUNTY..... BEAVER

OTHER LOCALITY INFORMATION: 2638 FT E, 962 FT S, 18 DEGREE W FROM NW CORNER

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.

WATER ANALYSIS

ANALYSIS IN PPM

B.....	F.....	NA...	2210.	SI02.	170.	<u>ISOTOPIES (0/00)</u>
HE.....	FE(TOT).	NB...		S04..	122.	
CA..... 83.						
CL..... 3800.						
CO.....	K..... 425.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... SILVA, CHRISTOPHER L.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... CUSNEK AND APPS, 1978; PARRY, 1976; WITHAM, 1976; PANRY, 1976B

RECORD 00029

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ROUSEVELT HOT SPRING

GEOHERM FILE ID: 0000735

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE

COORDINATES

STATE..... UTAH

LAT/LONG... 38-30.00 N 112-50.00 W

COUNTY..... BEAVER

UTM ZONE... +12

GEOLOGIC PROVINCE..

NORTHING... 4262679.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 55.0

WATER ANALYSIS

DATE/ANALYST..... 1957/09/00

CHARGE IMBALANCE (% DIFF)... 1.1

ANALYSIS

H.....	F.....	NA...	2500.	SI02.	313.	<u>ISOTOPIES (0/00)</u>
HE.....	FE(TOT).	NB...		S04..	73.	
CA..... 22.	MC03.... 156.					
CL..... 4240.						
CO.....	K..... 488.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00030

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SALT

GEOHERM FILE ID: 0017442

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 26S 009W 34

COORDINATES

OTHER LOCALITY INFORMATION: NW OF SE

LAT/LONG... 38-30.48 N 112-51.24 W

STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE.. 35
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1955/11/08
 TEMPERATURE (C)..... 24.5

UTM ZONE... +12
 NORTHING... 4263603.
 338343.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 9640.
 ANALYSIS IN MG/L
 AG.... CO3..... N
 CA.... HCO3..... 264.
 CL.... 3200.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CONDUVA, 1974

RECORD 00031

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017013

NAME OF SAMPLE SOURCE... SP, LA&SR RR

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 28S 010W 05 SW OF SW
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-23.94 N 113- 5.28 W
 UTM ZONE... +12
 NORTHING... 4251944.
 317663.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 94.
 DISCHARGE..... 114. L/MIN

WATER ANALYSIS

ANALYSIS IN MG/L
 HE.... FE(TOT). N NH... SO4.. L 0.01
 CA.... HCO3..... 160.
 CL.... 12.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00032

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017446

NAME OF SAMPLE SOURCE... STEAM WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 27S 009W 16 SE OF NE
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-28.74 N 112-52.08 W
 UTM ZONE... +12
 NORTHING... 4260410.
 337056.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 133.
 WELL DEPTH (M)..... 84.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... PETERSEN, 1973

RECORD 00033

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... SULFERDALE
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 265 006W 07 SW OF SW LAT/LONG... 38-33.60 N 112-34.68 W
 COUNTY..... BEAVER UTM ZONE... +12
 GEOLOGIC PROVINCE... NORTHING... 4268925.
 362509.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 22.

WATER ANALYSIS
 PH..... 2.
 ANALYSIS IN MG/L
 AL.... CR..... MG... 84. ISOTOPES (0/00)
 H.... F..... NA... 93. SI02. 160.
 HE.... FE(TOT). 490. NB... 504.. 9200.
 CA.... 134. HCO3... N
 CO.... K..... 86.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00034

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... SULLIVAN LAND & LIVESTOCK
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 275 010W 31 SE OF SW LAT/LONG... 38-25.08 N 113- 1.44 W
 COUNTY..... BEAVER UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4253928.
 323299.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1970/09/17
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 213.
 DISCHARGE..... 2915.

WATER ANALYSIS
 PH..... 7.9
 SPECIFIC CONDUCTANCE... 452.
 TOTAL DISSOLVED SOLIDS... 316.
 CHARGE IMBALANCE (% DIFF)... 3.4
 ANALYSIS IN MG/L
 AG.... CO3... N ISOTOPES (0/00)
 AL.... CR..... MG... 6.4
 H.... 0.23 F..... 1.2 NA... 74. SI02. 70.
 HE.... FE(TOT). NB... 504.. 31.
 CA.... 20. HCO3... 220. NU3... 0.1
 CL.... 17. K..... 8.4

REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00035

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... THERMO HOT SPRING

GEOHERM FILE ID: 0002961

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 30S 012W 28
 COUNTY..... BEAVER

COORDINATES

OTHER LOCALITY INFORMATION: SPRING AT SOUTH END OF WESTERNMOST OF TWO PARALLEL N-S TRENDING RIDGES. SPRING ON TOP OF RIDGE.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 89.5
 DISCHARGE..... 500. L/MIN
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS AND SEEPS.

WATER ANALYSIS

P1..... 8.0
 ALKALINITY..... 360. AS HCO3
 CHARGE IMBALANCE (% DIFF)... 0.8

ANALYSIS IN MG/L

AG.....		CO3.....		LI... 1.3	S....		
AL..... 0.003		CR.....		MG... 10.	SB... 0.02		
AS.....		CS..... 0.2		MN... 0.02			
AU.....		CU..... L 0.01		NA... 380.	SI02. 113.		
B..... 0.93		F..... 6.6		NB... 480.	SO4.. 480.		
BE.....		FE(TOT). L 0.02		NI... L 0.02			
BR.....		GE.....					
CA..... 71.		HCO3..... 360.					
CA+MG.		HG..... L 0.0001					
CL..... 225.							
CO.....		K..... 52.		RB... 0.5	ZN... L 0.01		

ISOTOPES (0/00)

DEL D OF WATER..... -118.3
 DEL O(18) OF WATER... -14.32

GAS ANALYSIS

ANALYSIS IN VOLUME %
 CH4.. L 0.01
 C2H6.
 CO2.. 84.

ISOTOPES (00/0)

N2... 4.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... TESHIN, VICTOR
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER AND OTHERS, 1977A

RECORD 00036

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... THERMO HOT SPRINGS

GEOHERM FILE ID: 0000739

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH
 COUNTY..... BEAVER

COORDINATES

LAT/LONG... 38-11.00 N 113-12.20 W
 UTM ZONE... +12
 NORTHING... 4228245.
 307020.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 89.5

WATER ANALYSIS

DATE/ANALYST..... 1974/12/00

ANALYSIS

B..... F..... NA... 400. SI02. 113. ISOTOPE (0/00)
 CA.... 71. CO.... K..... 52.

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00037

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... THERMO HOT SPRINGS

GEO THERM FILE ID: 0017459

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 30S 012W 21 NW OF NE

COORDINATES

LAT/LONG... 38-11.10 N 113-11.88 W
 UTM ZONE... +12
 NORTHING... 4228419.
 307491.

COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1939/10/23
 TEMPERATURE (C)..... 85.
 DISCHARGE..... 0 11.

WATER ANALYSISANALYSIS IN MG/L

AG.... CO3..... N ISOTOPE (0/00)
 BE.... FE(TOT).
 CA.... HCO3..... 370. NH... S04.. 460.
 CL.... 220.

OTHER ANALYTICAL DATA... HARDNESS = 220.
 QUALIFICATION FIELD... DISCHARGE TOTAL FOR 45 OPENINGS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00038

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... THERMO HOT SPRINGS

GEO THERM FILE ID: 0017025

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 30S 012W 28 SW OF NE

COORDINATES

LAT/LONG... 38-10.38 N 113-12.18 W
 UTM ZONE... +12
 NORTHING... 4227047.
 307022.

COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.0

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1620.

ANALYSIS IN MG/L

AL.... CH..... ISOTOPE (0/00)
 B.... F.....
 BA.... FE+3.....
 BE.... FE(TOT). 1.4
 CA.... HCO3..... 414. MG... 11. NA... S102. 55.
 CL.... 238. NA+K. 432. NH... S04.. 522.
 NO3.. N

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00039

GEOTERM SAMPLE FILE

NAME OF SAMPLE SOURCE... THERMO HOT SPRINGS

GEOTERM FILE ID: 0017024

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 30S 012W 28 SW OF NE
 COUNTY..... BEAVER

COORDINATES

LAT/LONG... 38-10.38 N 113-12.18 W
 UTM ZONE... +12
 NORTING... 4227097.
 307022.

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.0

WATER ANALYSISANALYSIS IN MG/L

FE.....	FE (TOT). N	NR...	S04..	124.	<u>ISOTOPES (0/00)</u>
CA.....	HCO3.... 304.				
CL.....	299.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00040

GEOTERM SAMPLE FILE

NAME OF SAMPLE SOURCE... THERMO HOT SPRINGS

GEOTERM FILE ID: 0017460

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 30S 012W 28 SW OF NE
 COUNTY..... BEAVER

COORDINATES

LAT/LONG... 38-10.38 N 113-12.30 W
 UTM ZONE... +12
 NORTING... 4227102.
 306846.

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/11/03

TEMPERATURE (C)..... 82.5

DISCHARGE..... 4 19.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 2170.
 TOTAL DISSOLVED SOLIDS... 1490.
 CHARGE IMBALANCE (% DIFF)... 2.9

ANALYSIS IN MG/L

AG.....	CO3..... N				<u>ISOTOPES (0/00)</u>
AL.....	CR.....	MG... 9.8			
B..... 0.3	F..... 6.7	NA... 360.	S102.	120.	
HE.....	FE (TOT). 0.05	NR... 360.	S04..	470.	
CA..... 72.	HCO3.... 360.	NO3.. 0.1			
CL..... 220.					
CO.....	K..... 61.				

QUALIFICATION FIELD..... DISCHARGE TOTAL FOR 49 OPENINGS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00041

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... THERMO HOT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 30S 012W 3B SW OF NE
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-10.38 N 113-12.30 W
 UTM ZONE... +12
 NORTHING... 42271v2.
 306846.

GEOHEM FILE ID: 0017462

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/07/11
 TEMPERATURE (C)..... 76.5

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 2130.
 TOTAL DISSOLVED SOLIDS... 1470.
 CHARGE IMBALANCE (% DIFF)... 1.6

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....	MG...	12.			
H.....	0.05	F..... 6.7	NA...	360.	SI02.	Q 10.	
BE....		FE(TOT).	NB...		S04..	460.	
CA....	76.	HCO3.... 374.	NO3..	N			
CL....	210.						
CO....		K..... 47.					

ISOTOPIES (0/00)

QUALIFICATION FIELD.... SI02 PROBABLY SHOULD BE 100.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00042

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... THERMO HOT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 30S 012W 2B SW OF NE
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-10.38 N 113-12.30 W
 UTM ZONE... +12
 NORTHING... 42271v2.
 306846.

GEOHEM FILE ID: 0017461

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/05/25
 TEMPERATURE (C)..... 78.

WATER ANALYSIS

PH..... 8.6
 SPECIFIC CONDUCTANCE..... 2100.
 TOTAL DISSOLVED SOLIDS... 1480.
 CHARGE IMBALANCE (% DIFF)... 0.5

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....	MG...	9.7			
H.....	0.6	F..... 4.7	NA...	360.	SI02.	100.	
HE....		FE(TOT).	NB...		S04..	460.	
CA....	75.	HCO3.... 359.	NO3..	0.1			
CL....	210.						

ISOTOPIES (0/00)

CO... K..... 52.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00043

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0017373

NAME OF SAMPLE SOURCE... THERMO HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** 012W 28
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-10.38 N 113-12.30 W
 UTM ZONE... +12
 NORTHING... 4227102.
 306846.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/08/21

WATER ANALYSIS

PH..... 8.6
 SPECIFIC CONDUCTANCE..... 2100.
 TOTAL DISSOLVED SOLIDS... 1460.
 CHARGE IMBALANCE (% DIFF)... 1.6

ANALYSIS IN MG/L

AG....		CO3.....	16.				
AL....		CR.....		MG...	9.2		
H.....	0.6	F.....	4.7	NA...	367.	SI02.	130.
HE....		FE(TOT).		NB...		S04..	469.
CA....	71.	HCO3....	314.	NO3..	1.1		
CL....	215.						
CO...;		K.....	45.				

ISOTOPE (0/00)**REFERENCE AND IDENTIFICATION**

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00044

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0017372

NAME OF SAMPLE SOURCE... THERMO HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** 30S 012W 21
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-11.10 N 113-11.88 W
 UTM ZONE... +12
 NORTHING... 4228419.
 307491.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/08/21

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 2120.
 TOTAL DISSOLVED SOLIDS... 1500.
 CHARGE IMBALANCE (% DIFF)... 4.6

ANALYSIS IN MG/L

AG....		CO3.....		LI...	1.3		
AL....		CR.....		MG...	9.7		
H.....	0.64	F.....	14.	NA...	358.	SI02.	108.
HE....		FE(TOT).		NB...		S04..	482.

ISOTOPE (0/00)

CA.... 83. HCO3.... 384. NO3.. 1.0
 CL.... 210.
 CO.... K..... 49.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00045

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017006

NAME OF SAMPLE SOURCE... THERMO HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 30S 012W 21 NW OF NE
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE..

LAT/LONG... 38-11.16 N 113-11.70 W
 UTM ZONE... +12
 NORTING... 4228523.
 307757.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/08/21
 TEMPERATURE (C)..... 0 76.6

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE... 2120.
 TOTAL DISSOLVED SOLIDS... 1500.
 CHARGE IMBALANCE (% DIFF)... 4.9

ANALYSIS IN MG/LISOTOPES (U/00)

AG....		CO3....	N				
AL....		CR....		MG....	9.7		
B....	0.64	F....	14.	NA....	360.	SI02.	110.
HE....		FE(TOT)..	0.13	NB....		S04..	480.
CA....	83.	HCO3....	384.	NO3..	1.0		
CL....	210.						
CO....		K.....	49.				

QUALIFICATION FIELD.... REPORTED TEMPERATURE IS GENERAL SPRING TEMPERATURE. NO! SAMPLE TEMPERATURE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00046

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017453

NAME OF SAMPLE SOURCE... TOWN OF MINERSVILLE

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 30S 009W 07 NW OF NE
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 38-13.08 N 112-54.36 W
 UTM ZONE... +12
 NORTING... 4231514.
 333143.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/27
 TEMPERATURE (C)..... 33.5
 WELL DEPTH (M)..... 22.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE... 1460.
 TOTAL DISSOLVED SOLIDS... 1030.

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....		MG... 23.			
H..... 0.42		F..... 3.3		NA... 190.	SI02.. 32.		
HE.....		FE(TOT). N		NB... 504..	480.		
CA..... 114.		HCO3..... 230.		NO3... 0.5			
CL.... 65.							

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00047

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017027

NAME OF SAMPLE SOURCE... TOWN, MILFORD

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 285 010W 07 NW OF NE
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE... 35

COORDINATES

LAT/LONG... 38-23.52 N 113-00.72 W
 UTM ZONE... +12
 NORTING... 4251020.
 324283.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/02/07
 TEMPERATURE (C)..... 25.5
 WELL DEPTH (M)..... 162.
 DISCHARGE..... 2328. L/MIN

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 390.
 TOTAL DISSOLVED SOLIDS... 253.
 CHARGE IMBALANCE (% DIFF)... 1.1

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....		MG... 5.8			
H.....		F..... 0.6		NA... 62.	SI02.. 35.		
HE.....		FE(TOT).		NB... 504..	40.		
CA..... 13.		HCO3..... 160.		NO3... 0.5			
CL.... 16.							
CO....		K..... 2.8					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00048

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017023

NAME OF SAMPLE SOURCE... U.S. BUREAU OF LAND MANAGEMENT, THERMO

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 305 012W 28
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE...

COORDINATES

LAT/LONG... 38-10.32 N 113-12.54 W
 UTM ZONE... +12
 NORTING... 4226999.
 306493.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/10/17
 TEMPERATURE (C)..... 0 75.0

OTHER SAMPLE INFORMATION.. TEMP ON 8/9/62
WATER ANALYSIS

PH..... 7.1
SPECIFIC CONDUCTANCE... 2160.
TOTAL DISSOLVED SOLIDS... 1490.
CHARGE IMBALANCE (% DIFF)... 1.2
ANALYSIS IN MG/L

AG....
AL....
B.....
BE.....
CA.... 82.
CL.... 212.
CO....
CO3..... N
CR.....
F..... 6.
FE(TOT)... 0.78
HCO3..... 384.
K..... 51.
MG... 11.
NA... 370.
NB...
NO3... 0.6
SI02... 112.
SO4... 458.

ISOTOPES (U/DU)

QUALIFICATION FIELD... TEMPERATURE MEASURED 8/9/62.
REFERENCE AND IDENTIFICATION
COMPILED BY... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE... SANDBERG, 1963

GEOTHERM SAMPLE FILE

RECORD 00049

NAME OF SAMPLE SOURCE... UNNAMED SPRING
LOCATION
COUNTRY... UNITED STATES TOWNSHIP-RANGE
STATE... UTAH 29S 009W 19 SW
COUNTY... BEAVER
GEOLOGIC PROVINCE... 35

GEOTHERM FILE ID: 0017022

SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES

TEMPERATURE (C)... 28.0
DISCHARGE... 189. L/MIN
WATER ANALYSIS

LAT/LONG... 38-16.14 N 112-54.54 W
UTM ZONE... 12
NORTHING... 4237179.
332998.

ANALYSIS IN MG/L

HE....
CA.... 40.
CL....
FE(TOT). N
HCO3.... 293.
NB...
504... L 35.

ISOTOPES (U/DU)

REFERENCE AND IDENTIFICATION
COMPILED BY... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE... LEE, 1908

GEOTHERM SAMPLE FILE

RECORD 00050

NAME OF SAMPLE SOURCE... US 6LM
LOCATION
COUNTRY... UNITED STATES TOWNSHIP-RANGE
STATE... UTAH 30S 011W 22 NW OF NW
COUNTY... BEAVER
GEOLOGIC PROVINCE...

GEOTHERM FILE ID: 0017458

SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES

DATE/COLLECTOR... 1971/09/02
TEMPERATURE (C)... 22.5
WELL DEPTH (M)... 50.
DISCHARGE... 34.

LAT/LONG... 38-10.74 N 113- 4.20 W
UTM ZONE... 12
NORTHING... 4227495.
318688.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 360.
 TOTAL DISSOLVED SOLIDS.... 253.
 CHARGE IMBALANCE (% DIFF)... 9.6

ANALYSIS IN MG/L

AG....		CO3.....	N				
AL....		CR.....		MG...	1.2		
H.....	0.16	F.....	0.9	NA...	65.	SiO2..	46.
HE....		FE(TOT)..		NB...		SO4..	34.
CA....	7.3	HCO3....	117.	NO3..	0.6		
CL....	36.						
CO....		K.....	2.3				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00051

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... US BLM

GEO THERM FILE ID: 0017454

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 30S 009W 09 NW OF SE
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 38-11.16 N 112-54.48 W
 UTM ZONE... +12
 NORTING... 4227967.
 332895.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/08/24
 TEMPERATURE (C)..... 33.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 1390.
 TOTAL DISSOLVED SOLIDS.... 1020.
 CHARGE IMBALANCE (% DIFF)... 4.4

ANALYSIS IN MG/L

AG....		CO3.....	3.				
AL....		CR.....		MG...	4.1		
B.....	0.47	F.....	1.4	NA...	160.	SiO2..	10.
HE....		FE(TOT)..	0.19	NB...		SO4..	69.
CA....	12.	HCO3....	251.	NO3..	N		
CL....	90.						
CO....		K.....	0.5				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00052

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WALKER, T. E.

GEO THERM FILE ID: 0017449

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 28S 010W 19 SE OF NE
 COUNTY..... BEAVER

COORDINATES

LAT/LONG... 38-21.90 N 113- 1.14 W
 UTM ZONE... +12
 NORTING... 4248037.

323606.

GEOLOGIC PROVINCE.. 35
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1950/11/03
 TEMPERATURE (C)..... 25.5
 WELL DEPTH (M)..... 79.
 DISCHARGE..... 23.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 328.
 TOTAL DISSOLVED SOLIDS... 211.

ANALYSIS IN MG/L

AG....		CO3.....	8.				
AL....		CR.....		MG...	7.0		
B....	0.08	F.....	0.7	NA...	45.	SI02.	32.
FE....		FE(TOT)..	0.09				
CA....	14.	HCO3.....	132.	NO3..	0.1		
CL....	9.5						
CO....		K.....	3.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00053

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILLOW

GEOHERM FILE ID: 0017455

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

30S 009W 31 NE OF NW

COORDINATES

STATE..... UTAH

LAT/LONG... 38- 9.30 N 112-53.76 W

COUNTY..... BEAVER

UTM ZONE... 12

GEOLOGIC PROVINCE.. 35

NORTHING... 4224505.

333876.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/08/22

TEMPERATURE (C)..... 21.5

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 793.
 TOTAL DISSOLVED SOLIDS... 475.

CHARGE IMBALANCE (% DIFF)... 0.9

ANALYSIS IN MG/L

AG....		CO3.....	N				
AL....		CR.....		MG...	13.		
B....	0.18	F.....	0.3	NA...	49.	SI02.	40.
FE....		FE(TOT)..	0.01	NB...		S04..	25.
CA....	79.	HCO3.....	308.	NO3..	1.4		
CL....	60.						
CO....		K.....	2.8				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00054

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017450

NAME OF SAMPLE SOURCE... WOODHOUSE

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... BEAVER
 GEOLOGIC PROVINCE.. 35

TOWNSHIP-RANGE
 285 012W 29 SW OF NW

COORDINATES
 LAT/LONG... 38-20.52 N 113-13.38 W
 UTM ZONE... +12
 NORTHING... 4245894.
 305720.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1963/09/06
 TEMPERATURE (C)..... 22.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 1110.
 TOTAL DISSOLVED SOLIDS... 720.
 CHARGE IMBALANCE (% DIFF)... 2.0

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....		MG... 47.			
B.... 0.16		F.....	0.6	NA... 76.	SI02.. 61.		
HE....		FE(TOT)..	0.6	NB... 40.			
CA.... 80.		HCO3.....	265.	NO3.. 1.7			
CL.... 220.							
CO....		K.....	1.				

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00055

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017080

NAME OF SAMPLE SOURCE... ANDERSON, L.

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

TOWNSHIP-RANGE
 10N 003W 33 NE OF NW

COORDINATES
 LAT/LONG... 41-38.73 N 112-11.07 W
 UTM ZONE... +12
 NORTHING... 4610882.
 401356.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1936/03/07
 TEMPERATURE (C)..... 28.0
 WELL DEPTH (M)..... 91.
 DISCHARGE..... 76. L/MIN

OTHER SAMPLE INFORMATION.. WELL PROBABLY DESTROYED; BRACKISH WATER; PRODUCED GAS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00056

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017601

NAME OF SAMPLE SOURCE... BLUE CREEK SPRINGS

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
 13N 005W 29

COORDINATES
 LAT/LONG... 41-49.98 N 112-27.24 W
 UTM ZONE... +12
 NORTHING... 4632043.
 379264.

COUNTRY..... UNITED STATES 13N 012W 30 NE OF SW
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1966/06/17
 TEMPERATURE (C)..... 25.
 DISCHARGE..... E 19.

LAT/LONG... 41-49.50 N 113-15.60 W
 UTM ZONE... +12
 NORTHING... 4632602.
 312310.

WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 482.
 TOTAL DISSOLVED SOLIDS... 274.
 CHARGE IMBALANCE (% DIFF)... 0.3

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....		MG... 11.			
H.... 0.01		F..... 0.2		NA... 44.	SI02.. 10.		
HE....		FE(TOT)..		NB... 19.	S04... 19.		
CA.... 39.		HCO3.... 156.		NO3.. 1.4			
CL.... 65.							
CO....		K..... 0.6					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1974

RECORD 00059

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CARTER, L. G.

GEOHERM FILE ID: 0017631

LOCATION

COUNTRY..... UNITED STATES 13N 012W 30 NE OF SW
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 41-49.50 N 113-15.60 W
 UTM ZONE... +12
 NORTHING... 4632602.
 312310.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/17
 TEMPERATURE (C)..... 25.
 DISCHARGE..... E 19.

WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 482.
 TOTAL DISSOLVED SOLIDS... 274.
 CHARGE IMBALANCE (% DIFF)... 0.3

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....		MG... 11.			
H.... 0.07		F..... 0.2		NA... 44.	SI02.. 10.		
HE....		FE(TOT)..		NB... 19.	S04... 19.		
CA.... 39.		HCO3.... 156.		NO3.. 1.4			
CL.... 65.							
CO....		K..... 0.6					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOU, 1971

RECORD 00060

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017633

NAME OF SAMPLE SOURCE... CARTER, W. R.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13N 013W 34 SE OF SW

STATE..... UTAH

COUNTY..... BOX ELDER

GEOLOGIC PROVINCE..

LAT/LONG... 41-48.48 N 113-19.68 W
UTM ZONE... +12
NORTHING... 4630866.
306611.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/17

POINT OF COLLECTION.. SAMPLED AT POND.

TEMPERATURE (C)..... 21.

WATER ANALYSIS

PH..... 8.1

SPECIFIC CONDUCTANCE... 491.

TOTAL DISSOLVED SOLIDS... 292.

CHARGE IMBALANCE (% DIFF)... 0.2

ANALYSIS IN MG/L

ISOTOPIES (0/001)

AG....

CO3..... N

AL....

CR.....

MG... 21.

B.... 0.15

F..... 0.5

NA... 52.

S102. 12.

HE....

FE(TOT).

NB... 20.

S04.. 20.

CA.... 24.

HCO3.... 208.

NO3.. 1.1

CL.... 49.

CO....

K..... 1.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... *UTAH GEOLOGICAL AND MINERAL SURVEY

RECORD 00061

GEOHERM FILE ID: 0017075

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHESAPEAKE DUCK CLUB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 09N 003W 27 SE OF SW

STATE..... UTAH

COUNTY..... BOX ELDER

GEOLOGIC PROVINCE..

LAT/LONG... 41-34.90 N 112-10.62 W
UTM ZONE... +12
NORTHING... 4603787.
401884.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/08/06

TEMPERATURE (C)..... 42.0

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

DISCHARGE..... 189. L/MIN

OTHER SAMPLE INFORMATION.. FROM POOL, PRODUCES GAS

WATER ANALYSIS

SPECIFIC CONDUCTANCE... 5500.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... BJURKLUND AND MCGREEVY, 1973

RECORD 00062

GEO THERM FILE 10: 0010774

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHESAPEAKE DUCK CLUB
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 09N 003W 27 SE OF SW
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

COORDINATES
 LAT/LONG... 41-34.47 N 112-10.62 W
 UTM ZONE... +12
 NORTHING... 4602991.
 401873.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/08/21
 TEMPERATURE (C)..... 74.0
 WELL DEPTH (M)..... 153.
 DISCHARGE..... 151. L/MIN
 OTHER SAMPLE INFORMATION.. PLUGGED, PRODUCED GAS

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 5300.
 TOTAL DISSOLVED SOLIDS... 3350.
 CHARGE IMBALANCE (% DIFF)... 6.5

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	62.		
B....	F.....	NA...	1000.		
HE....	FE(TOT).	NB...		S04..	14.
CA.... 56.	HCO3.... 1620.				
CL.... 1100.					
CO....	K..... 110.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOUDE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00063

GEO THERM FILE 10: 0017225

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COMPTON
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 06N 005W 21 NE OF NE
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

COORDINATES
 LAT/LONG... 41-14.28 N 112-24.78 W
 UTM ZONE... +12
 NORTHING... 4565928.
 381588.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/03/16
 TEMPERATURE (C)..... 21.0
 DISCHARGE..... 159. L/MIN

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 2660.
 TOTAL DISSOLVED SOLIDS... 1520.
 CHARGE IMBALANCE (% DIFF)... 1.3

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	36.		
B.... 0.12	F..... 0.4	NA...	440.	SI02.	13.
BE....	FE(TOT).	NB...		S04..	76.

ISOTOPES (0/00)

CA.... 81. HCO3.... 242. NO3.. 3.
 CL.... 750.
 CO.... K..... 9.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD, 1972

RECORD 00064

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017637

NAME OF SAMPLE SOURCE... COMPTON SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 06N 005W 21 NE OF NE
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

LAT/LONG... 41-14.34 N 112-24.66 W
 UTM ZONE... +12
 NORTHING... 4566036.
 381758.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/11/27
 TEMPERATURE (C)..... 21.5

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 2800.
 CHARGE IMBALANCE (% DIFF)... 1.8

ANALYSIS IN MG/L

AL.... CH....
 R.... F..... 0.1
 BE.... FE(TOT).
 CA.... 72. HCO3.... 249.
 CL.... 680.
 CO.... K..... 14.

ISOTOPES (0/00)

MG... 38.
 NA... 420. SiO2. 16.
 NB... 504.. 78.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD, 1972

RECORD 00065

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017279

NAME OF SAMPLE SOURCE... COYOTE WARM SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 14N 010W 33 SW OF SE
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 41-54.06 N 112-59.94 W
 UTM ZONE... +12
 NORTHING... 4640503.
 334183.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/05/28
 TEMPERATURE (C)..... 43.5

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 5590.
 TOTAL DISSOLVED SOLIDS... 3240.
 CHARGE IMBALANCE (% DIFF)... 1.2

ANALYSIS IN MG/L

AG.... CO3.... N
 AL.... CH.....
 MG... 19.

ISOTOPES (0/00)

H..... 0.8 F..... 2.7 NA... 1070. S102. 29.
 RE..... FE(TOT): NB... S04.. 78.
 CA..... 87. MC03.... 352. NO3.. 4.8
 CL..... 1620.
 CO..... K..... 56.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1974

RECORD 00066

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017278

NAME OF SAMPLE SOURCE... COYOTE WARM SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 14N 010W 33 SW OF SE

LAT/LONG... 41-54.06 N 112-59.94 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... BOX ELDER

NORTHING... 4640503.

GEOLOGIC PROVINCE..

334183.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 43.

DISCHARGE..... 76.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1974

RECORD 00067

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017081

NAME OF SAMPLE SOURCE... CRYSTAL (MADSENS) HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 11N 002W 29 NE OF NW

LAT/LONG... 41-44.90 N 112-05.22 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... BOX ELDER

NORTHING... 4622192.

GEOLOGIC PROVINCE..

409620.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/12/08

TEMPERATURE (C)..... 53.5

DISCHARGE..... 6056. L/MIN

OTHER SAMPLE INFORMATION.. OTHER ANALYSIS AVAILABLE

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 61800.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00068

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017082

NAME OF SAMPLE SOURCE... CRYSTAL (MADSENS) HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 11N 002W 29 NE OF NW

LAT/LONG... 41-44.90 N 112-05.22 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... BOX ELDER

NORTHING... 4622192.

GEOLOGIC PROVINCE.. 35
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1951/10/27
 TEMPERATURE (C)..... 55.5
 OTHER SAMPLE INFORMATION.. OTHER ANALYSIS AVAILABLE

409620.

MAIER ANALYSIS

SPECIFIC CONDUCTANCE..... 58600.
 TOTAL DISSOLVED SOLIDS... 43500.
 CHARGE IMBALANCE (% DIFF)... 2.5

ANALYSIS IN MG/L

AL..... CR.....
 B..... F..... N
 BE..... FE(TOT).
 CA..... 830. HCO3..... 479.
 CL..... 26000.
 CO..... K..... 790.

MG... 230.
 NA... 15000. SI02. 32.
 NB... 504.. 480.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00069

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017341

NAME OF SAMPLE SOURCE... CRYSTAL (MADSENS)HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 002W 29 NE OF NW
 STATE..... UTAH
 COUNTY..... BOX ELDER

LAT/LONG... 41-39.60 N 112- 5.10 W
 UTM ZONE... +12
 NORTHING... 4612383.
 409663.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/02/06

MAIER ANALYSIS

SPECIFIC CONDUCTANCE..... 56400.

ANALYSIS IN MG/L

BE..... FE(TOT).
 CA..... HCO3..... 468.
 CL..... 25300.

NB... 504.. 480.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00070

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017340

NAME OF SAMPLE SOURCE... CRYSTAL (MADSENS)HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11N 002W 29 NE OF NW
 STATE..... UTAH
 COUNTY..... BOX ELDER

LAT/LONG... 41-39.60 N 112- 5.10 W
 UTM ZONE... +12
 NORTHING... 4612383.
 409663.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/06/29

TEMPERATURE (C)..... 51.1

MAIER ANALYSIS

SPECIFIC CONDUCTANCE..... 53300.

ANALYSIS IN MG/L

R.....

F.....

NA... 13400. SI02. 25.

ISOTOPES (0/00)

CA.....

HCO3..... 445.

CL..... 22700.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00071

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRYSTAL (MADSENS) HOT SPRING

GEOTHERM FILE ID: 0017339

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

11N 002W 29 NE OF NW

COORDINATES

LAT/LONG... 41-39.60 N 112- 5.10 W

UTM ZONE... +12

NORTHING... 4612383.

409663.

STATE..... UTAH

COUNTY..... BOX ELDER

GEOLOGIC PROVINCE...

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1911/11/18

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 45500.

ANALYSIS IN MG/L

AL.....

CR.....

MG... 218.

ISOTOPES (0/00)

H.....

F.....

NA... 16600.

HE.....

FE(TOT).....

NB...

504.. 499.

CA..... 901.

HCO3..... 454.

CL..... 27100.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00072

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CUTLER WARM SPRING

GEOTHERM FILE ID: 0017392

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

13N 002W 27 SE OF NW

COORDINATES

LAT/LONG... 41-50.04 N 112- 3.36 W

UTM ZONE... +12

NORTHING... 4631671.

412315.

STATE..... UTAH

COUNTY..... BOX ELDER

GEOLOGIC PROVINCE... J5

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/02/02

TEMPERATURE (C)..... 23.

DISCHARGE..... E 38.

WATER ANALYSIS

PH..... 7.6

SPECIFIC CONDUCTANCE..... 3670.

TOTAL DISSOLVED SOLIDS... 2120.

CHARGE IMBALANCE (% DIFF)... 1.1

ANALYSIS IN MG/L

AG.....

CO3..... N

ISOTOPES (0/00)

AL.....

CR.....

MG... 43.

H..... 0.22

F..... 1.0

NA... 620. SI02. 17.

RE.... FE(TOT)..... NB... 504.. 65.
 CA.... 84. HCO3.... 320. NO3.. 2.1
 CL.... 1000.
 CO.... K..... 22.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00073

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017073

NAME OF SAMPLE SOURCE... DAVIS I

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 10N 002W 16 SW OF SE
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-41.62 N 112-04.92 W
 UTM ZONE... +12
 NORTING... 4616118.
 409960.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/06/00
 TEMPERATURE (C)..... 107.0
 WELL DEPTH (M)..... 3354.
 DISCHARGE..... 23. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 85000.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00074

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017277

NAME OF SAMPLE SOURCE... HANNA, GARY

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 14N 009W 04 SW OF SW
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-57.96 N 112-52.56 W
 UTM ZONE... +12
 NORTING... 4647490.
 344544.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/00/00
 TEMPERATURE (C)..... 20.5
 WELL DEPTH (M)..... 110.
 DISCHARGE..... 7571.

OTHER SAMPLE INFORMATION, THIS WELL APPARENTLY 9888 IN TP-25.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1974

RECORD 00075

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017636

NAME OF SAMPLE SOURCE... HEAD SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13N 016W 23 SW OF SW

COORDINATES
 LAT/LONG... 41-49.92 N 113-39.18 W

STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1966/08/12
 TEMPERATURE (C)..... 21.
 DISCHARGE..... E 76.

UTM ZONE... +12
 NORTHING... 4634313.
 279693.

WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 421.
 TOTAL DISSOLVED SOLIDS... 240.
 CHARGE IMBALANCE (% DIFF)... 0.1

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....		MG... 8.3		
H..... 0.02		F..... 0.1		NA... 20.	SI02. 10.	
RE....		FE(TOT).		NB... 0.1	S04... 8.8	
CA.... 54.		HCO3.... 187.				
CL.... 36.						
CO....		K..... 1.				

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD, 1971

RECORD 00076

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JEPPELSON

GEOOTHERM FILE 101 0017389

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

TOWNSHIP-RANGE

10N 003W 04 NW OF NW

COORDINATES

LAT/LONG... 41-37.44 N 112-10.68 W
 UTM ZONE... +12
 NORTHING... 4608488.
 401865.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/09/25
 TEMPERATURE (C)..... 25.0
 WELL DEPTH (M)..... 155.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 17100.
 TOTAL DISSOLVED SOLIDS... 10800.
 CHARGE IMBALANCE (% DIFF)... 2.1

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....		MG... 45.		
H..... 0.6		F..... 1.2		NA... 3900.	SI02. 80.	
RE....		FE(TOT).		NB... 0.1	S04... 170.	
CA.... 94.		HCO3.... 452.				
CL.... 6200.						
CO....		K..... 160.				

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00077

GEOTERM SAMPLE FILENAME OF SAMPLE SOURCE... KIMBER (ROSE) SPRING
LOCATION TOWNSHIP-RANGE 10N 018W 30 NE OF SE
COORDINATES
GEOTERM FILE ID: 0017466COUNTRY..... UNITED STATES
STATE..... UTAH
COUNTY..... BOX ELDER
GEOLOGIC PROVINCE.. JS
LAT/LONG... 41-33.84 N 113-51.24 W
UTM ZONE... +12
NORTHING... 4605372.
253674.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/04/11
TEMPERATURE (C)..... 20.
DISCHARGE..... 814.

WATER ANALYSIS

PH..... 7.6
SPECIFIC CONDUCTANCE..... 441.
TOTAL DISSOLVED SOLIDS... 304.
CHARGE IMBALANCE (% DIFF)... 1.8

ANALYSIS IN MG/L

AG.... CO3..... N
AL.... CR..... MG... 8.3
H.... 0.02 F..... 0.4 NA... 25. SiO2. 47.
HE.... FE(TOT). NB... 504.. 18.
CA.... SU. HCO3.... 154. NO3.. 2.5
CL.... SU.
CO.... K..... 5.7

ISOTOPE (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... HOOD AND PRICE, 1970

RECORD 00078

GEOTERM SAMPLE FILENAME OF SAMPLE SOURCE... KIMBER, B. C.
LOCATION TOWNSHIP-RANGE 10N 018W 33 SE OF NE
COORDINATES
GEOTERM FILE ID: 0017237COUNTRY..... UNITED STATES
STATE..... UTAH
COUNTY..... BOX ELDER
GEOLOGIC PROVINCE.. JS
LAT/LONG... 41-33.24 N 113-54.66 W
UTM ZONE... +12
NORTHING... 4604139.
257222.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/09/22
TEMPERATURE (C)..... 20.0
WELL DEPTH (M)..... 28.
DISCHARGE..... 4277.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... HOOD AND PRICE, 1970

RECORD 00079

GEOTERM SAMPLE FILENAME OF SAMPLE SOURCE... KING, L.
LOCATION TOWNSHIP-RANGE
COORDINATES
GEOTERM FILE ID: 0017071

COUNTRY..... UNITED STATES 12N 003W 15 NW OF SW
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

LAT/LONG... 41-46.20 N 112-10.50 W
 UTM ZONE... +12
 NORTHING... 4624694.
 402336.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/07/20
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 84.
 DISCHARGE..... 3028. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00080

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... L. W. KELLER CORP. WELL #2
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 05N 013W 31 SW OF NE
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

GEOTHERM FILE ID: 0017650

COORDINATES

LAT/LONG... 41- 6.48 N 113-23.10 W
 UTM ZONE... +12
 NORTHING... 4553275.
 299732.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/03/08
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 61.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 7200.
 TOTAL DISSOLVED SOLIDS... 4050.
 CHARGE IMBALANCE (% DIFF)... 1.8

ANALYSIS IN MG/L

AG....		CO3..... M				
AL....		CR.....	MG...	75.		
B....	0.71	F.....	NA...	1300.	SI02.	14.
BE....		FE(TOT)..	NB...	S04..		230.
CA....	95.	HCO3.....	NO3..	0.94		
CL....	2200.					
CU....		K.....				

ISOTOPE (D/H₂O)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1974A

RECORD 00081

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LARSON, C. D.
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 13N 013W 27 NW OF NW
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

GEOTHERM FILE ID: 0017632

COORDINATES

LAT/LONG... 41-49.20 N 113-18.60 W
 UTM ZONE... +12
 NORTHING... 4632158.
 308142.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/17

POINT OF COLLECTION.. SAMPLED AT POND.
 TEMPERATURE (C)..... 21.

WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 1290.
 TOTAL DISSOLVED SOLIDS..... 795.
 CHARGE IMBALANCE (% DIFF)... 0.4

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	10.		
B.....	0.51	F..... 1.	NA...	250.	SI02..	15.
HE....		FE(TOT).	NH...		S04...	39.
CA....	44.	HCO3.... 588.	NO3..	3.		
CL....	125.					
CO....		K..... 3.2				

ISOTOPIES (O/HO)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... *UTAH GEOLOGICAL AND MINERAL SURVEY

RECORD 00082

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LOS CHURCH

GEOHERM FILE ID: 0017429

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 07N 002W 16 NE OF NW
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 41-20.46 N 112- 3.96 W
 UTM ZONE... +12
 NORTHING... 4576948.
 410808.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/05/07
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 311.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 460.
 TOTAL DISSOLVED SOLIDS... 327.

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	1.5		
B.....		F.....	NA...	90.	SI02..	61.
HE....		FE(TOT).	NH...		S04...	0.8
CA....	18.	HCO3.... 279.	NO3..	0.2		
CL....	12.					

ISOTOPIES (O/HO)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00083

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LEE, J. E.

GEOHERM FILE ID: 0017281

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 15N 009W 28 SE OF SW

COORDINATES

LAT/LONG... 42- 0.00 N 112-52.80 W
 UTM ZONE... +12

COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1970/08/12
 TEMPERATURE (C)..... 24.

NORTHING... 4651272.
 344296.

WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 4730.
 ANALYSIS IN MG/L
 CL..... 1550.

ISOLOPES (0/00)

REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1974

RECORD 00084

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017280

NAME OF SAMPLE SOURCE... LEE, J. E.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15N 009W 28 SE OF SW
 STATE..... UTAH
 COUNTY..... BOX ELDER

LAT/LONG... 42- 0.00 N 112-52.80 W
 UTM ZONE... 12
 NORTHING... 4651272.
 344296.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/08
 WELL DEPTH (M)..... 122.
 DISCHARGE..... 8858.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 4700.
 TOTAL DISSOLVED SOLIDS... 2640.
 CHARGE IMBALANCE (% DIFF)... 2.2
 ANALYSIS IN MG/L

ISOLOPES (0/00)

AG....	CO3..... N	MG... 92.			
AL....	CR.....	NA... 452.	S102.	77.	
H....	F..... 0.5	NB... 5102.	S04..	35.	
HE....	FE(TOT).	NO3.. 12.			
CA.... 369.	HCO3.... 144.				
CL.... 1500.					
CO....	K..... 32.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1974

RECORD 00085

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017078

NAME OF SAMPLE SOURCE... LITTLE MOUNTAIN WARM SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 10S 004W 24 SW OF SW
 STATE..... UTAH
 COUNTY..... BOX ELDER

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/11/28
 TEMPERATURE (C)..... 42.0

DISCHARGE..... 1703. L/MIN
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 51000.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00086

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017079

NAME OF SAMPLE SOURCE... LITTLE MOUNTAIN WARM SPRING
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 10N 004W 24 SW OF SW
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 41-40.22 N 112-15.45 W
 UTM ZONE... +12
 NORTHING... 4613726.
 395317.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/05/11
 TEMPERATURE (C)..... 42.

WATER ANALYSIS

P1..... 7.0
 TOTAL DISSOLVED SOLIDS... 37000.
 CHARGE IMBALANCE (% DIFF)... 1.6

ANALYSIS IN MG/L

ISOTOPE (O/D)

AG....	CO3..... N				
AL....	CH.....	MG...	230.		
B.... 0.45	F..... 1.5	NA...	13000.	SI02.	28.
BE....	FE(TOT).. 0.8	NB...		S04..	500.
CA.... 630.	HCO3.... 400.	NO3..	1.6		
CL.... 22000.					
CO....	K..... 450.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00087

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017640

NAME OF SAMPLE SOURCE... NATIONAL PARK SERVICE
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 10N 006W 09 SE OF SE
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41-37.14 N 112-32.76 W
 UTM ZONE... +12
 NORTHING... 4608417.
 371198.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/31
 TEMPERATURE (C)..... 22.5
 WELL DEPTH (M)..... 129.
 DISCHARGE..... 91.

WATER ANALYSIS

P1..... 7.4
 SPECIFIC CONDUCTANCE..... 1190.
 TOTAL DISSOLVED SOLIDS... 837.
 ANALYSIS IN MG/L

ISOTOPE (O/D)

AG.... CO3..... N
 CA.... HCO3.... 177.
 CL.... 260.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD, 1972

RECORD 00088

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NATIONAL PARK SERVICE
 LOCATION TOWNSHIP-RANGE GEOTHERM FILE ID: 0017641

COUNTRY..... UNITED STATES 10N 006W 09 SE OF SE COORDINATES
 STATE..... UTAH LAT/LONG... 41-37.14 N 112-32.76 W
 COUNTY..... BOX ELDER UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4608417.
 371198.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/06/02
 TEMPERATURE (C)..... 21.5
 WELL DEPTH (M)..... 129.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 1190.
 TOTAL DISSOLVED SOLIDS... 852.
 CHARGE IMBALANCE (% DIFF)... 4.6
 ANALYSIS IN MG/L

ISOTOPIES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	33.		
H.... 0.06	F..... 0.8	NA...	96.	SI02.	66.
HE....	FE(TQT)...	NB...		S04..	38.
CA.... 82.	HCO3..... 176.	NO3..	3.8		
CL.... 260.					
CO....	K..... 23.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD, 1972

RECORD 00089

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NESSEN, L. D.
 LOCATION TOWNSHIP-RANGE GEOTHERM FILE ID: 0017603

COUNTRY..... UNITED STATES 13N 005W 31 NE OF NW COORDINATES
 STATE..... UTAH LAT/LONG... 41-49.08 N 112-27.36 W
 COUNTY..... BOX ELDER UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4630381.
 379070.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/07/13
 TEMPERATURE (C)..... 20.5
 WELL DEPTH (M)..... 123.

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 1440.
 TOTAL DISSOLVED SOLIDS... 1010.

ANALYSIS IN MG/L

AG....		CO3.....	4.		
AL....		CR.....		MG...	41.
B.....		F.....		NA...	153.
CA....	89.	HCO3.....	343.		
CL....	274.				

ISOTOPE (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND PRICE, 1972

RECORD 00090

GEOTERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PENTON, R. G.

GEOTERM FILE ID: 0017430

LOCATION

COUNTRY.....	UNITED STATES	SHIP-RANGE	
STATE.....	UTAH	07N 002W 16	SW OF NW
COUNTY.....	BOX ELDER		
GEOLOGIC PROVINCE..	35		

COORDINATES

LAT/LONG...	41-20.22 N 112-03.84 W
UTM ZONE...	+12
NORTHING...	4576502.
	410970.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR.....	1969/05/07
TEMPERATURE (C).....	25.
WELL DEPTH (M).....	358.
DISCHARGE.....	159.

WATER ANALYSIS

PH.....	7.8
SPECIFIC CONDUCTANCE.....	333.
TOTAL DISSOLVED SOLIDS...	221.
CHARGE IMBALANCE (% DIFF)...	4.1

ANALYSIS IN MG/L

AG....		CO3.....	N		
AL....		CR.....		MG...	4.4
B.....	0.08	F.....	0.5	NA...	49.
BE....		FE(TOT)...		NB...	
CA....	21.	HCO3.....	193.	NO3...	0.2
CL....	10.			SI02.	28.
CO....		K.....	6.8	S04..	4.5

ISOTOPE (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WAODELL, 1972A

RECORD 00091

GEOTERM SAMPLE FILE

NAME OF SAMPLE SOURCE... POULSEN, V. S.

GEOTERM FILE ID: 0017226

LOCATION

COUNTRY.....	UNITED STATES	SHIP-RANGE	
STATE.....	UTAH	08N 005W 05	NE OF SW
COUNTY.....	BOX ELDER		
GEOLOGIC PROVINCE..			

COORDINATES

LAT/LONG...	41-27.06 N 112-26.34 W
UTM ZONE...	+12
NORTHING...	4589611.
	379802.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR.....	1970/11/28
TEMPERATURE (C).....	20.0
DISCHARGE.....	1136. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 6560.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... HOOD, 1972

RECORD 00092

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017639

NAME OF SAMPLE SOURCE... POULSEN, V. S.

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 08N 005W 05 NW OF SW

LAT/LONG... 41-26.82 N 112-27.24 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... BOX ELDER

NORTHING... 4589188.

GEOLOGIC PROVINCE.. 35

378541.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/03/23

TEMPERATURE (C)..... 22.

DISCHARGE..... E 833.

WATER ANALYSIS

PH..... 7.7

SPECIFIC CONDUCTANCE..... 6390.

TOTAL DISSOLVED SOLIDS... 3750.

CHARGE IMBALANCE (% DIFF)... 2.1

ANALYSIS IN MG/LISOTOPIES (0/00)

AG....

CO3..... N

AL....

CR.....

MG... 54.

B.... 0.62

F..... 1.

NA... 1180.

SI02.

15.

BE....

FE(TOT).

NB... 504..

176.

CA.... 92.

HCO3.... 246.

NO3.. 5.

CL.... 1950.

K..... 43.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... HOOD, 1972

RECORD 00093

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017635

NAME OF SAMPLE SOURCE... PUGSLEY, R. R.

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 13N 014W 24 NW OF NW

LAT/LONG... 41-49.98 N 113-23.46 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... BOX ELDER

NORTHING... 4633785.

GEOLOGIC PROVINCE..

301454.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/17

POINT OF COLLECTION.. SAMPLED AT POND.

TEMPERATURE (C)..... 23.

WATER ANALYSIS

PH..... 7.2

SPECIFIC CONDUCTANCE..... 500.

TOTAL DISSOLVED SOLIDS... 314.

CHARGE IMBALANCE (% DIFF)... 2.6

ANALYSIS IN MG/L

AG....		CO3....	N					
AL....		CR....		MG...	12.			
H....	0.09	F....	0.5	NA...	43.	SI02..	11.	
HE....		FE(TOT).		NB...		S04..	20.	
CA....	45.	HCO3....	150.	NO3..	1.2			
CL....	76.							
CO....		K....	2.9					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... *UTAH GEOLOGICAL AND MINERAL SURVEY

RECORD 00094

GEOTHERM SAMPLE FILE

GEOTHERM FILE IUI 0017634

NAME OF SAMPLE SOURCE... RICHANUSON, E. M.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13N 013W 35 SE OF SE

LAT/LONG... 41-49.08 N 113-18.54 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... BOX ELDER

NORTHING... 4631933.

GEOLOGIC PROVINCE..

308219.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/17

POINT OF COLLECTION.. SAMPLED AT POND.

TEMPERATURE (C)..... 23.

WATER ANALYSIS

PH..... 8.9

SPECIFIC CONDUCTANCE... 1490.

TOTAL DISSOLVED SOLIDS... 918.

CHARGE IMBALANCE (% DIFF)... 2.7

ANALYSIS IN MG/L

AG....		CO3....	47.					
AL....		CR....		MG...	17.			
B....	0.56	F....	1.1	NA...	290.	SI02..	0.8	
HE....		FE(TOT).		NB...		S04..	31.	
CA....	28.	HCO3....	578.	NO3..	1.			
CL....	148.							
CO....		K....	3.2					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... *UTAH GEOLOGICAL AND MINERAL SURVEY

RECORD 00095

GEOTHERM SAMPLE FILE

GEOTHERM FILE IUI 0017J91

NAME OF SAMPLE SOURCE... STINKING HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 10N 003W 30 SE OF SE

LAT/LONG... 41-34.62 N 112-14.10 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... BOX ELDER

NORTHING... 4603336.

GEOLOGIC PROVINCE.. 35

397042.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/10/27

TEMPERATURE (C)..... 47.5

OTHER SAMPLE INFORMATION.. OTHER ANALYSES AVAILABLE
 WATER ANALYSIS

PH..... 6.4
 SPECIFIC CONDUCTANCE..... 48900.
 TOTAL DISSOLVED SOLIDS... 34600.
 CHARGE IMBALANCE (% DIFF)... 5.3

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	360.		
B..... 4.6	F..... N	NA...	11000.	SI02..	54.
FE....	FE(TOT)..	NB...		504..	59.
CA.... 920.	HCO3....				
CL.... 21000.					
CO....	K.....				
					670.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00096

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017338

NAME OF SAMPLE SOURCE... STINKING HOT SPRINGS

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE SE OF SE
 STATE..... UTAH 10N 003W 30
 COUNTY..... BOX ELDER

COORDINATES

LAT/LONG... 41-34.62 N 112-14.10 W
 UTM ZONE... +12
 NORTING... 4603336.
 397042.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/02/06

WATER ANALYSIS

PH..... 6.2
 TOTAL DISSOLVED SOLIDS... 52200.

ANALYSIS IN MG/L

HE....	FE(TOT)..	NB...	504..	135.
CA....	HCO3....			
CL.... 22200.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00097

GEOHERM FILE ID: 0017337

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STINKING HOT SPRINGS

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE SE OF SE
 STATE..... UTAH 10N 003W 30
 COUNTY..... BOX ELDER

COORDINATES

LAT/LONG... 41-34.62 N 112-14.10 W
 UTM ZONE... +12
 NORTING... 4603336.
 397042.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/06/29

TEMPERATURE (C)..... 51.1

WATER ANALYSIS

PH..... 6.4

RECORD 00100

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017390

NAME OF SAMPLE SOURCE... STINKING HOT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 10N 003W 30 SE OF SE
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41-34.62 N 112-14.10 W
 UTM ZONE... +12
 NORTHING... 4603336.
 397042.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/04/05
 TEMPERATURE (C)..... 48.
 DISCHARGE..... E 170.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 53900.

ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00101

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017604

NAME OF SAMPLE SOURCE... STOKES, DELORIS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 14N 006W 09 NE OF NE
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41-58.08 N 112-28.98 W
 UTM ZONE... +12
 NORTHING... 4647073.
 377115.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/07/07
 TEMPERATURE (C)..... 20.5
 WELL DEPTH (M)..... 125.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 1530.
 TOTAL DISSOLVED SOLIDS... 870.

ANALYSIS IN MG/L

AL....	CR.....	MG...	25.
B.....	F.....	NA...	213.
CA.... 67.	HCO3.... 258.		
CL.... 341.			

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND PRICE, 1972

RECORD 00102

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017236

NAME OF SAMPLE SOURCE... TANNER, MERLIN
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 10N 018W 21 NE OF NE

COORDINATES

LAT/LONG... 41-34.86 N 113-54.54 W
 UTM ZONE... +12

COUNTY..... HOX ELDER
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1956/09/05
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 19.
 DISCHARGE..... 1325. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOUDE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND PRICE, 1970

NORTHING... 4607132.
 257490.

RECORD 00103

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017276

NAME OF SAMPLE SOURCE... TAYLOR, C.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... HOX ELDER
 GEOLOGIC PROVINCE..

14N 009W 04 SE OF SE

LAT/LONG... 41-58.68 N 112-52.80 W
 UTM ZONE... +12
 NORTHING... 4648830.
 344242.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/05/24
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 107.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE... 1680.
 TOTAL DISSOLVED SOLIDS... 921.

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.....	CO3..... N				
AL.....	CR.....	MG...	35.		
B.....	F.....	NA...		5102.	61.
HA.....	FE+3...	NA+K.	123.		
BE.....	FE(TOT).	NB...		504..	34.
CA..... 146.	HCO3..... 186.	NO3...	3.6		
CL..... 426.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1974

RECORD 00104

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017282

NAME OF SAMPLE SOURCE... TAYLOR, C.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... HOX ELDER
 GEOLOGIC PROVINCE..

15N 009W 29 SE OF NW

LAT/LONG... 41-59.88 N 112-53.04 W
 UTM ZONE... +12
 NORTHING... 4651058.
 343959.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/00/00
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 146.
 DISCHARGE..... 6000.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1974

RECORD 00105

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TAYLOR, E. GEO THERM FILE ID: 0017283
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 009W 31 SE OF NE COORDINATES
 STATE..... UTAH LAT/LONG... 41-59.58 N 112-54.42 W
 COUNTY..... BOX ELDER UTM ZONE... +12
 GEOLOGIC PROVINCE... NORTHING... 4650545.
 342042.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/09/00
 TEMPERATURE (C)..... 21.5
 WELL DEPTH (M)..... 124.
 DISCHARGE..... 8706.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1974

RECORD 00106

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TAYLOR, E. GEO THERM FILE ID: 0017284
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 009W 31 SE OF NE COORDINATES
 STATE..... UTAH LAT/LONG... 41-59.58 N 112-54.42 W
 COUNTY..... BOX ELDER UTM ZONE... +12
 GEOLOGIC PROVINCE... NORTHING... 4650545.
 342042.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/09/30
 TEMPERATURE (C)..... 16.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 626.
 TOTAL DISSOLVED SOLIDS... 432.

ANALYSIS IN MG/L

AG....	CO3..... N	<u>ISOTOPES (0/001)</u>		
AL....	CR.....	MG... 17.		
R.....	F.....	NA... 31.	SI02. 63.	
RE....	FE(TOT)...	NB... 504..	29.	
CA.... 70.	HCO3.... 181.	NO3.. 1.6		
CL.... 99.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1974

RECORD 00107

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TOLMAN, R. W. GEO THERM FILE ID: 0017605

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

TOWNSHIP-RANGE
 15N 006W 34 SW OF SW

COORDINATES
 LAT/LONG... 41-59.16 N 112-32.16 W
 UTM ZONE... +12
 NORTHING... 4649149.
 372759.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1970/07/07
 TEMPERATURE (C)..... 20.5
 WELL DEPTH (M)..... 169.

WATER ANALYSIS
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1610.
 TOTAL DISSOLVED SOLIDS... 938.
 CHARGE IMBALANCE (% DIFF)... 1.5

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	25.		
B..... 0.06	F..... 1.	NA...	247.	SI02..	41.
HE....	FE(TQT)..	NB...		SO4..	40.
CA.... 60.	HCO3.... 259.	NO3..	0.3		
CL.... 375.					
CO....	K..... 5.7				

REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND PRICE, 1972

ISOLOPES 10/001

RECORD 00108

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017228

NAME OF SAMPLE SOURCE... TOWN OF HOWELL

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

TOWNSHIP-RANGE
 12N 005W 22 NE OF NW

COORDINATES
 LAT/LONG... 41-45.42 N 112-23.94 W
 UTM ZONE... +12
 NORTHING... 4623529.
 383694.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1970/07/00
 TEMPERATURE (C)..... 20.0
 DISCHARGE..... 3.8 L/MIN

WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 889.
 QUALIFICATION FIELD.... TEMPERATURE MEASURED 50 FT. FROM SOURCE.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND PRICE, 1972

RECORD 00109

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017085

NAME OF SAMPLE SOURCE... TOWN OF PLYMOUTH

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... BOX ELDER

TOWNSHIP-RANGE
 13N 003W 11 NE OF NW

COORDINATES
 LAT/LONG... 41-57.82 N 112-09.08 W
 UTM ZONE... +12
 NORTHING... 4646170.

404592.

GEOLOGIC PROVINCE.. 35
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1970/09/09
 TEMPERATURE (C)..... 29.0
 WELL DEPTH (M)..... 183.
 DISCHARGE..... 197. L/MIN
 OTHER SAMPLE INFORMATION.. ABANDONED
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00110

GEO THERM FILE ID# 0017072

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HUY HUT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE SW OF NE
 STATE..... UTAH 13N 003W 23
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41-56.40 N 112-09.37 W
 UTM ZONE... +12
 NORTHING... 4643547.
 404156.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/09/08
 TEMPERATURE (C)..... 43.0
 DISCHARGE..... 3407. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00111

GEO THERM FILE ID# 0017394

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HUY HUT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE NE OF SE
 STATE..... UTAH 13N 003W 23
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41-51.18 N 112- 9.54 W
 UTM ZONE... +12
 NORTHING... 4633891.
 403790.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/09/08
 TEMPERATURE (C)..... 43.
 DISCHARGE..... 3407.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 13100.
 ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00112

GEO THERM FILE ID# 0017087

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HUY HUT SPRINGS (INDIAN POOL)
 LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13N 003W 23 SW OF NE
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1971/09/08
 TEMPERATURE (C)..... 43.0
 DISCHARGE..... 1703. L/MIN
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 15000.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

LAT/LONG... 41-56.40 N 112-09.37 W
 UTM ZONE... +12
 NORTHING... 4643547.
 404156.

RECORD 00113

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017393

NAME OF SAMPLE SOURCE... UDY HUT SPRINGS (MORNING GLORY POOL)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 13N 003W 23 SW OF NE
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 41-51.18 N 112- 9.30 W
 UTM ZONE... +12
 NORTHING... 4633887.
 404122.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/09/08
 TEMPERATURE (C)..... 51.
 DISCHARGE..... 757.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 15000.
 TOTAL DISSOLVED SOLIDS... 8420.
 CHARGE IMBALANCE (% DIFF)... 1.8

ANALYSIS IN MG/L

AG.....	CO3.....	N	<u>ISOTOPES (0/00)</u>		
AL.....	CR.....	MG... 70.			
B..... 1.1	F..... 0.4	NA... 2900.	SI02.. 29.		
BE.....	FE(TOT).. 0.22	NH... 504..	S04... 98.		
CA..... 220.	HCO3.... 360.	NO3.. 4.9			
CL..... 4800.					
CO... 2	K..... 120.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00114

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017086

NAME OF SAMPLE SOURCE... UDY HUT SPRINGS (RIVER POOLS)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 13N 003W 23 SE OF NE
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE..

LAT/LONG... 41-56.52 N 112-09.37 W
 UTM ZONE... +12
 NORTHING... 4643709.
 404159.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/09/08
 TEMPERATURE (C)..... 46.0
 DISCHARGE..... 18927. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00115

GEOTHERM FILE 101 0017083

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... UNNAMED SPRING
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 11N 004W 34 SE OF NW COORDINATES
 COUNTY..... BOX ELDER
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1971/08/31
 TEMPERATURE (C)..... 21.0
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 5500.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00116

GEOTHERM FILE 101 0017077

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... UNNAMED SPRING
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 10N 004W 23 NW OF NW COORDINATES
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE...
 LAT/LONG... 41-40.32 N 112-15.60 W
 UTM ZONE... +12
 NORTHING... 4613914.
 395112.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1971/09/13
 TEMPERATURE (C)..... 26.0
 DISCHARGE..... 7.6 L/MIN
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 17400.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00117

GEOTHERM FILE 101 0017084

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... UNNAMED SPRING
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 11N 004W 34 SW OF NW COORDINATES
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE... 35
 LAT/LONG... 41-43.70 N 112-17.17 W
 UTM ZONE... +12
 NORTHING... 4620200.
 393027.
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/08/31
 TEMPERATURE (C)..... 22.0
 DISCHARGE..... 38. L/MIN
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 7400.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00118

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 12N 006W 33 SE OF NW
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 41-43.74 N 112-32.40 W
 UTM ZONE... +12
 NORTHING... 4620621.
 371916.

GEO THERM FILE ID: 0017600

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/07/14
 TEMPERATURE (C)..... 0 20.5
 DISCHARGE..... L 3.8

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 751.
 TOTAL DISSOLVED SOLIDS... 477.

ANALYSIS IN MG/L

AG....	CO3.... N		
AL....	CR....	MG...	12.
H....	F....	NA....	54.
CA.... 81.	HCO3.... 250.		
CL.... 100.			

ISOTOPES (0/001

QUALIFICATION FIELD..... TEMPERATURE MEASURED AT PIPE 500 FT. BELOW SOURCE.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND PRICE, 1972

RECORD 00119

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 10N 004W 23 NE OF NW
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 41-40.42 N 112-15.60 W
 UTM ZONE... +12
 NORTHING... 4614099.
 395114.

GEO THERM FILE ID: 0017076

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/09/13
 TEMPERATURE (C)..... 24.5
 DISCHARGE..... 57. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 46800.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND MCGREEVY, 1973

RECORD 00120

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017638

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07N 005W 15 SE OF SW

LAT/LONG... 41-19.92 N 112-24.30 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... BOX ELDER

NORTHING... 4576353.

GEOLOGIC PROVINCE.. 35

382428.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/10/16

TEMPERATURE (C)..... 25.

DISCHARGE..... E 1173.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 34400.

TOTAL DISSOLVED SOLIDS... 24900.

ANALYSIS IN MG/L

CL..... 13100.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MOOD, 1972

RECORD 00121

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017334

NAME OF SAMPLE SOURCE... UTAH HOT SPRINGS

WELL/SPRING NUMBER..... (B- 7- 2)14DCA-S1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07N 002W 14 NE OF NW SE

LAT/LONG... 41-20.32 N 112-01.86 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... BOX ELDER

NORTHING... 4576801.

GEOLOGIC PROVINCE.. 35

413819.

MAP REFERENCE..... PLAIN CITY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/03

TEMPERATURE (C)..... 58.3

WATER ANALYSIS

PH..... 7.5

SPECIFIC CONDUCTANCE..... 34800.

TOTAL DISSOLVED SOLIDS... 21600.

ANALYSIS IN PPM

AG..... CO3..... LI... 7.9

AL... 0.051 CR..... L 0.0014 MG... 39.

AS..... CS..... MN... 3.0

AU..... CU..... L 0.0014 MU... L 0.00029

B..... F..... 4.3 NA... 6580. 35.

BE... L 0.00057 FE (TOT). 0.314 NB... 504.. 201.

BI... L 0.00029 GA..... L 0.0057

BR..... GE..... 0.08 NI... 0.0074

CA... 1020. HCO3... 182. NO3... 0.8 TI... L 0.00057

CA+MG. Hg..... PU... L 0.0014

CD... L 0.0014 H2S..... V... 0.0049

ISOTOPES (0/00)

CL.... 12700. I..... 0.24
 CO.... 0.026 K..... 935.

ZN... L 0.0057

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00122

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017238

NAME OF SAMPLE SOURCE... WARBURTON, M.

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 11N 019W 11 NE OF NW
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 41-41.16 N 113-58.92 W
 UTM ZONE... +12
 NORTHING... 4618998.
 251808.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/05/16
 TEMPERATURE (C)..... 42.0
 DISCHARGE..... 852. L/MIN

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 373.
 TOTAL DISSOLVED SOLIDS... 248.

ANALYSIS IN MG/L

AG....	CO3..... N	MG...	14.		
AL....	CR.....	NA...	24.	SI02.	24.
B....	F.....	NA+K.	13.		
HA....	FE+3....	NH...	29.	S04..	29.
HE....	FE(TOT).	NO3..	0.2		
CA.... 44.	MC03.... 184.				
CL.... 9.1					

ISOTOPIES (0/001)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HUDD AND PRICE, 1970

RECORD 00123

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017629

NAME OF SAMPLE SOURCE... WARM SPRING #2

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 10N 015W 06 NW OF SW
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 41-36.78 N 113-36.78 W
 UTM ZONE... +12
 NORTHING... 4609895.
 282276.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/11/07
 TEMPERATURE (C)..... 20.
 DISCHARGE..... 1461.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 860.
 TOTAL DISSOLVED SOLIDS... 501.

ANALYSIS IN MG/L

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

ISOTOPIES (0/001)

AL....	CR.....	MG...	21.		
H.....	F.....	NA...	77.	SI02.	19.
HE.....	FE(TOT).	NB...		S04..	29.
CA..... 63.	MCO3....	N03..	1.1		
CL..... 162.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD, 1971

RECORD 00124

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017630

NAME OF SAMPLE SOURCE... WARM SPRING 1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 12N 015W 19 NE OF NE
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 41-45.48 N 113-36.18 W
 UTM ZONE... +12
 NORTHING... 4625970.
 283596.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/08/12
 TEMPERATURE (C)..... 26.5
 DISCHARGE..... E 1287.

WATER ANALYSIS

PH..... 8.5
 SPECIFIC CONDUCTANCE... 406.
 TOTAL DISSOLVED SOLIDS... 223.
 CHARGE IMBALANCE (% DIFF)... 2.6

ANALYSIS IN MG/L

AG....	CO3.....	2.			
AL....	CR.....		MG... 8.		
H..... 0.02	F.....	0.2	NA... 27.	SI02.	14.
HE.....	FE(TOT).		NB... 0.1	S04..	15.
CA..... 36.	MCO3....	108.			
CL.... 57.					
CO....	K.....	1.7			

ISOTOPE (O/D)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD, 1971

RECORD 00125

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017428

NAME OF SAMPLE SOURCE... WELLS & LARKIN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 07N 002W 10 NE OF SE
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 41-21.66 N 112- 3.66 W
 UTM ZONE... +12
 NORTHING... 4579163.
 411254.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/11/20
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 238.
 DISCHARGE..... 3570.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1480.
 TOTAL DISSOLVED SOLIDS... 866.

ANALYSIS IN MG/L

AG....	CO3.....	N				
AL....	CR.....		MG...	10.		
H....	F.....		NA...	216.	SI02.	16.
HE....	FE(TOT).		NB...		S04..	8.5
CA....	HCO3....	169.	NO3..	0.3		
CL....						

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00126

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILLARD BAY GUN CLUB
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... BOX ELDER
 GEOLOGIC PROVINCE... 35

GEO THERM FILE ID: 0017395

COORDINATES

LAT/LONG... 41-25.44 N 112- 4.08 W
 UTM ZONE... +12
 NORTING... 4586165.
 410755.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/09/13
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 173.
 DISCHARGE..... 45.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 3120.
 TOTAL DISSOLVED SOLIDS... 1980.
 CHARGE IMBALANCE (% DIFF)... 1.7

ANALYSIS IN MG/L

AG....	CO3.....	1.				
AL....	CR.....		MG...	72.		
H....	F.....	0.2	NA...	340.	SI02.	53.
HE....	FE(TOT).	0.01	NB...		S04..	0.5
CA....	HCO3....	681.	NO3..	0.5		
CL....						
CO....	K.....	65.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... RJOHKLUND AND MCGREEVY, 1973

RECORD 00127

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RECKSTEAD, A.A. WELL
 WELL/SPRING NUMBER..... 12N-01E-21-CAA
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... CACHE

GEO THERM FILE ID: 0017096

COORDINATES

LAT/LONG... 41-45.87 N 111-50.60 W
 UTM ZONE... +12
 NORTING... 4623816.

GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... SMITHFIELD 1:24000 429843.
 OTHER LOCALITY INFORMATION: ELEVATION = 4473 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/08/00
 TEMPERATURE (C)..... 24.0
 WELL DEPTH (M)..... 40.2
 DISCHARGE..... 117.3 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1959; NATURAL FLOW; IRRIGATION USE.
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 560.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00128

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... BENSON IRRIGATION COMPANY WELL
 WELL/SPRING NUMBER..... 12N-01E-17-DAB
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12N 001E 17 NW OF NE OF SE COORDINATES
 STATE..... UTAH 86M; SALT LAKE LAT/LONG... 41-46.70 N 111-51.32 W
 COUNTY..... CACHE UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4625268.
 MAP REFERENCE..... SMITHFIELD 1:24000 428943.
 OTHER LOCALITY INFORMATION: ELEVATION = 4447 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/08/00
 TEMPERATURE (C)..... 21.0
 WELL DEPTH (M)..... 48.8
 DISCHARGE..... 219.5 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY SAND AND GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1942; NATURAL FLOW; IRRIGATION USE.
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 480.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00129

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... BENSON IRRIGATION COMPANY WELL
 WELL/SPRING NUMBER..... 12N-01E-16-CAC
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12N 001E 16 SW OF NE OF SW COORDINATES
 STATE..... UTAH 86M; SALT LAKE LAT/LONG... 41-46.63 N 111-50.87 W
 COUNTY..... CACHE UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4625153.
 MAP REFERENCE..... SMITHFIELD 1:24000 429358.
 OTHER LOCALITY INFORMATION: ELEVATION = 4454 FT.
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/00
 TEMPERATURE (C)..... 54.9
 WELL DEPTH (M)..... 55.
 DISCHARGE..... 71.9 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1929; NATURAL FLOW; IRRIGATION USE.
WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 590.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00130

GEOTERM SAMPLE FILE

GEOTERM FILE 101 0017089

NAME OF SAMPLE SOURCE... RENSON IRRIGATION COMPANY WELL
 WELL/SPRING NUMBER..... 12N-01E-16-CDH

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY.....	UNITED STATES	12N 001E 16	NW OF SE OF SW	LAT/LONG...	41-46.55 N 111-50.87 W
STATE.....	UTAH	8&M1 SALT LAKE		UTM ZONE...	+12
COUNTY.....	CACHE			NORTHING...	4624928.
GEOLOGIC PROVINCE..	WASATCH UPLIFT				429688.
MAP REFERENCE.....	SMITHFIELD 1124000				

OTHER LOCALITY INFORMATION: ELEVATION = 4453 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/06/00
 TEMPERATURE (C)..... 21.0
 WELL DEPTH (M)..... 14.6
 DISCHARGE..... 87.1 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1929; NATURAL FLOW; IRRIGATION USE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 590.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00131

GEOTERM SAMPLE FILE

GEOTERM FILE 101 0017090

NAME OF SAMPLE SOURCE... RODRENO, D. WELL
 WELL/SPRING NUMBER..... 12N-01E-16-DBAA

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY.....	UNITED STATES	12N 001E 16	NE OF NE OF NW SE	LAT/LONG...	41-46.78 N 111-50.32 W
STATE.....	UTAH	8&M1 SALT LAKE		UTM ZONE...	+12
COUNTY.....	CACHE			NORTHING...	4625035.
GEOLOGIC PROVINCE..	35				430104.
MAP REFERENCE.....	SMITHFIELD 1124000				

OTHER LOCALITY INFORMATION: ELEVATION = 4466 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/06/00
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 48.8
 DISCHARGE..... 227.1 L/MIN

PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1959; NATURAL FLOW; DOMESTIC USE.
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 490.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00132

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017608

NAME OF SAMPLE SOURCE... BROWN, N. WELL
 WELL/SPRING NUMBER..... 13N-01W-10-ABCD
 LOCATION

		TOWNSHIP-RANGE		COORDINATES
COUNTRY.....	UNITED STATES	13N 001W 10	SE OF NW OF SW NE	LAT/LONG... 41-53.03 N 111-56.37 W
STATE.....	UTAH	B&M; SALT LAKE		UTM ZONE... +12
COUNTY.....	CACHE			NORTHING... 4637002.
GEOLOGIC PROVINCE..	35			421841.
MAP REFERENCE.....	TRENTON 1124000			

OTHER LOCALITY INFORMATION: ELEVATION = 4423 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/04/17
 TEMPERATURE (C)..... 49.
 WELL DEPTH (M)..... 1587.4
 DISCHARGE..... 56.8
 PERTINENT LITHOLOGY..... AQUIFER IN PALEOZOIC OR PRECAMBRIAN ROCKS.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1957; NATURAL FLOW; IRRIGATION USE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 8.1
 SPECIFIC CONDUCTANCE..... 5820.
 TOTAL DISSOLVED SOLIDS... 3280.

ANALYSIS IN MG/L

		ISOTOPES (0/001)	
AG....	CO3..... N		
AL....	CR.....	MG... 30.	
B.... 2.7	F..... 4.5	NA... 1140.	SI02. 81.
BE....	FE(TOT).	NB... 0.8	S04.. 0.8
CA.... 34.	HCO3.... 622.	NO3.. 1.3	
CL.... 1690.			
CO....	K..... 71.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00133

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017606

NAME OF SAMPLE SOURCE... CACHE VALLEY DAIRY WELL
 WELL/SPRING NUMBER..... 13N-01E-19-CAC
 LOCATION

		TOWNSHIP-RANGE		COORDINATES
COUNTRY.....	UNITED STATES	13N 001E 19	SW OF NE OF SW	LAT/LONG... 41-51.00 N 111-53.18 W
STATE.....	UTAH	B&M; SALT LAKE		UTM ZONE... +12
COUNTY.....	CACHE			NORTHING... 4633176.
GEOLOGIC PROVINCE..	35			426531.

MAP REFERENCE..... NEWTON 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4446 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1957/07/09
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 1676.4
 DISCHARGE..... 283.9
 PERTINENT LITHOLOGY..... AQUIFER IN TERTIARY CONGLOMERATE.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1957; NATURAL FLOW; INDUSTRIAL USE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 6.8
 SPECIFIC CONDUCTANCE..... 1480.
 TOTAL DISSOLVED SOLIDS... 789.
 ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG... 36.			
H.... 0.4		F..... 0.1	NA... 204.	SI02. 13.		
HE....		FE(TOT). 0.67	NB... 504..		1.2	
CA.... 42.		HCO3.... 286.	NO3.. 0.3			
CL.... 342.						
CO....		K..... 4.9				

ISOLOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGHEEVEY AND BJORKLUND, 1970

RECORD 00134

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017607

NAME OF SAMPLE SOURCE... CRONQUIST, H.C. WELL
 WELL/SPRING NUMBER..... 12N-01W-02-BCD

LOCATION

COUNTRY..... UNITED STATES 12N 001W 02 SE OF SW OF NW
 STATE..... UTAH B&M; SALT LAKE
 COUNTY..... CACHE

COORDINATES

LAT/LONG... 41-48.58 N 111-55.70 W
 UTM ZONE... 12
 NORTHING... 4628549.
 423077.

GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... NEWTON 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4420 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/04/18
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 232.9
 DISCHARGE..... 96.8
 PERTINENT LITHOLOGY..... AQUIFER IN SAND OF UNKNOWN AGE.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1962; NATURAL FLOW; DOMESTIC USE.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1600.
 TOTAL DISSOLVED SOLIDS... 1010.
 ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG... 53.			
H....		F.....	NA... 107.	SI02. 24.		
HE....		FE(TOT). 250.	NB... 504..		0.5	
CA.... 128.		HCO3....				

ISOLOPES (0/00)

CL... 400.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00135

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017611

NAME OF SAMPLE SOURCE... GANCHEFF, U.J. SPRING
 WELL/SPRING NUMBER..... 14N-01W-33-ACA

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 14N 001W 33 NE OF SW OF NE
 COUNTY..... CACHE 86MI SALT LAKE

COORDINATES

LAT/LONG... 41-54.82 N 111-57.42 W
 UTM ZONE... +12
 NORTHING... 4640457.
 420634.

GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... TRENTON 1124000

OTHER LOCALITY INFORMATION: ELEVATION = 4520 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/01/12
 TEMPERATURE (C)..... 31.

PERTINENT LITHOLOGY..... PALEOZOIC OR PRECAMBRIAN ROCKS.

OTHER SAMPLE INFORMATION.. IRRIGATION USE.

WATER ANALYSIS

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

P.H..... 7.6

SPECIFIC CONDUCTANCE..... 7230.

TOTAL DISSOLVED SOLIDS... 4380.

CHARGE IMBALANCE (% DIFF)... 1.2

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....		MG... 46.			
H.... 0.71		F..... 3.2		NA... 1400.	SI02.	23.	
HE....		FE(TOT).		NH... 504..	S04..	71.	
CA.... 132.		MC03.... 548.		NO3... 5.3			
CL.... 2280.							
CO....		K..... 110.					

ISOLOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00136

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017105

NAME OF SAMPLE SOURCE... GOSSNER CHEESE WELL
 WELL/SPRING NUMBER..... 12N-01E-29-ACC

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 12N 001E 29 SW OF SW OF NE
 COUNTY..... CACHE 86MI SALT LAKE

COORDINATES

LAT/LONG... 41-45.10 N 111-51.62 W
 UTM ZONE... +12
 NORTHING... 4622497.
 428509.

GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... SMITHFIELD 1124000

OTHER LOCALITY INFORMATION: ELEVATION = 4450 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/00

TEMPERATURE (C)..... 23.0
 WELL DEPTH (M)..... 32.9
 DISCHARGE..... 2081.9 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1966; NATURAL FLOW; INDUSTRIAL USE.

WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 470.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00137

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017106

NAME OF SAMPLE SOURCE... GOSSNER, E. WELL
 WELL/SPRING NUMBER..... 12N-01E-29-CUB

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 12N 001E 29 NW OF SE OF SW LAT/LONG... 41-44.73 N 111-51.78 W
 STATE..... UTAH 8&M; SALT LAKE UTM ZONE... +12
 COUNTY..... CACHE NORTHING... 4621832.
 GEOLOGIC PROVINCE.. WASATCH UPLIFT 428410.
 MAP REFERENCE..... LOGAN 1124000

OTHER LOCALITY INFORMATION: ELEVATION = 4442 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/06/00
 TEMPERATURE (C)..... 20.0
 DISCHARGE..... 355.8 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY SAND AND GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1900; NATURAL FLOW; IRRIGATION USE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 420.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGHEEVY AND BJORKLUND, 1970

RECORD 00138

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017103

NAME OF SAMPLE SOURCE... KEARL, L. WELL
 WELL/SPRING NUMBER..... 12N-01E-28-CDB

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 12N 001E 28 SW OF SE OF NW LAT/LONG... 41-45.12 N 111-50.80 W
 STATE..... UTAH 8&M; SALT LAKE UTM ZONE... +12
 COUNTY..... CACHE NORTHING... 4622375.
 GEOLOGIC PROVINCE.. WASATCH UPLIFT 429580.
 MAP REFERENCE..... SMITHFIELD 1124000

OTHER LOCALITY INFORMATION: ELEVATION = 4482 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/06/00
 TEMPERATURE (C)..... 21.0
 WELL DEPTH (M)..... 45.7
 DISCHARGE..... 15.1 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY SAND AND GRAVEL.
 OTHER SAMPLE INFORMATION.. NATURAL FLOW; STUCK USE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00139

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017102

NAME OF SAMPLE SOURCE... LDS WELFARE FARM WELL

WELL/SPRING NUMBER..... 12N-01E-28-BCA

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	12N 001E 28	NE OF SW OF NW	LAT/LONG...	41-45.18 N 111-50.72 W
STATE.....	UTAH	B&M1	SALT LAKE	UTM ZONE...	+12
COUNTY.....	CACHE			NORTHING...	4622488.
GEOLOGIC PROVINCE..	WASATCH UPLIFT				429414.

MAP REFERENCE..... SMITHFIELD 1124000

OTHER LOCALITY INFORMATION: ELEVATION = 4476 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/00

TEMPERATURE (C)..... 23.0

WELL DEPTH (M)..... 41.1

PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY SAND AND GRAVEL.

OTHER SAMPLE INFORMATION.. WELL DRILLED 1927; NATURAL FLOW; STOCK USE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 430.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00140

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017104

NAME OF SAMPLE SOURCE... LISONBEE, C. WELL

WELL/SPRING NUMBER..... 12N-01E-28-CAB

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	12N 001E 28	NW OF NE OF SW	LAT/LONG...	41-45.01 N 111-50.80 W
STATE.....	UTAH	B&M1	SALT LAKE	UTM ZONE...	+12
COUNTY.....	CACHE			NORTHING...	4622151.
GEOLOGIC PROVINCE..	35				429744.

MAP REFERENCE..... SMITHFIELD 1124000

OTHER LOCALITY INFORMATION: ELEVATION = 4485 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/00

TEMPERATURE (C)..... 21.0

WELL DEPTH (M)..... 49.7

DISCHARGE..... 283.9 L/MIN

PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.

OTHER SAMPLE INFORMATION.. WELL DRILLED 1961; NATURAL FLOW; INDUSTRIAL USE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 430.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00141

GEO THERM SAMPLE FILE GEO THERM FILE ID: 0017101
 NAME OF SAMPLE SOURCE... LOGANA PLUNGE WELL
 WELL/SPRING NUMBER..... 12N-01E-28-BAA
LOCATION **TOWNSHIP-RANGE** **COORDINATES**
 COUNTRY..... UNITED STATES 12N 001E 28 NE OF NE OF NW LAT/LONG... 41-45.50 N 111-50.72 W
 STATE..... UTAH 86MI SALT LAKE UTM ZONE... +12
 COUNTY..... CACHE NORTHING... 4622927.
 GEOLOGIC PROVINCE.. WASATCH UPLIFT 429918.
 MAP REFERENCE..... SMITHFIELD 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4486 FT.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/08/00
 TEMPERATURE (C)..... 25.0
 WELL DEPTH (M)..... 44.8
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1929; NATURAL FLOW; RECREATION USE.
WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 470.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00142

GEO THERM SAMPLE FILE GEO THERM FILE ID: 0017100
 NAME OF SAMPLE SOURCE... LOGANA PLUNGE WELL
 WELL/SPRING NUMBER..... 12N-01E-28-BAA
LOCATION **TOWNSHIP-RANGE** **COORDINATES**
 COUNTRY..... UNITED STATES 12N 001E 28 NE OF NE OF NW LAT/LONG... 41-45.50 N 111-50.72 W
 STATE..... UTAH 86MI SALT LAKE UTM ZONE... +12
 COUNTY..... CACHE NORTHING... 4622372.
 GEOLOGIC PROVINCE.. WASATCH UPLIFT 429912.
 MAP REFERENCE..... SMITHFIELD 1124000
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/08/00
 TEMPERATURE (C)..... 24.0
 WELL DEPTH (M)..... 44.8
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1908; NATURAL FLOW; IRRIGATION USE.
WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 470.
REFERENCE AND IDENTification
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00143

GEO THERM SAMPLE FILE GEO THERM FILE ID: 0017107
 NAME OF SAMPLE SOURCE... NUTTALL, J.L. WELL
 WELL/SPRING NUMBER..... 12N-01W-10-UCD
LOCATION **TOWNSHIP-RANGE** **COORDINATES**

COUNTRY..... UNITED STATES 12N 001W 10 SE OFSW SE LAT/LONG... 41-47.27 N 111-56.20 W
 STATE..... UTAH B&M: SALT LAKE UTM ZONE... +12
 COUNTY..... CACHE NORTHING... 4626225.
 GEOLOGIC PROVINCE.. 35 422387.
 MAP REFERENCE..... NEWTON 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4419 FT.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/08/00
 TEMPERATURE (C)..... 21.0
 WELL DEPTH (M)..... 162.5
 DISCHARGE..... 60.6 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN SAND OF UNKNOWN AGE.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1954; NATURAL FLOW; DOMESTIC USE.
WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 780.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00144

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017097

NAME OF SAMPLE SOURCE... PEARL, W. WELL
 WELL/SPRING NUMBER..... 12N-01E-21-CBD

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 12N 001E 21 SE OFNW SW LAT/LONG... 41-45.75 N 111-50.88 W
 STATE..... UTAH B&M: SALT LAKE UTM ZONE... +12
 COUNTY..... CACHE NORTHING... 4623264.
 GEOLOGIC PROVINCE.. 35 429505.
 MAP REFERENCE..... SMITHFIELD 1124000

OTHER LOCALITY INFORMATION: ELEVATION = 4466 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/00
 TEMPERATURE (C)..... 25.0
 WELL DEPTH (M)..... 41.5
 DISCHARGE..... 41.6 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1954; NATURAL FLOW; STOCK USE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 500.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00145

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017108

NAME OF SAMPLE SOURCE... SEAMONS, N.H. WELL
 WELL/SPRING NUMBER..... 13N-01W-27-CDD

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 13N 001W 27 SE OFSE SW LAT/LONG... 41-49.87 N 111-49.47 W
 STATE..... UTAH B&M: SALT LAKE UTM ZONE... +12
 COUNTY..... CACHE NORTHING... 4631450.
 GEOLOGIC PROVINCE.. 35 421780.

MAP REFERENCE..... NEWTON 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4413 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/08/00
 TEMPERATURE (C)..... 23.0
 WELL DEPTH (M)..... 283.5
 DISCHARGE..... 162.8 L/MIN
 OTHER SAMPLE INFORMATION., WELL DRILLED 1961; NATURAL FLOW; DOMESTIC USE.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00146

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... SEARS, F. WELL
 WELL/SPRING NUMBER..... 12N-01E-22-CCC
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 12N 001E 22 SW OF SW OF SW LAT/LONG... 41-45.60 N 111-49.95 W
 COUNTY..... CACHE B&M: SALT LAKE UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4623254.
 MAP REFERENCE..... SMITHFIELD 1124000 430586.
 OTHER LOCALITY INFORMATION: ELEVATION = 4517 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1965/11/27
 TEMPERATURE (C)..... 27.0
 WELL DEPTH (M)..... 61.
 DISCHARGE..... 567.8 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION., WELL DRILLED 1965; NATURAL FLOW; IRRIGATION USE.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00147

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... STETLER, F. WELL
 WELL/SPRING NUMBER..... 12N-01E-27-AAB
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 12N 001E 27 SW OF NE OF NE LAT/LONG... 41-45.33 N 111-49.02 W
 COUNTY..... CACHE B&M: SALT LAKE UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4623016.
 MAP REFERENCE..... SMITHFIELD 1124000 432163.
 OTHER LOCALITY INFORMATION: ELEVATION = 4598 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/11/00
 TEMPERATURE (C)..... 26.0
 WELL DEPTH (M)..... 60.
 DISCHARGE..... 60.6 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION., WELL DRILLED 1953; DOMESTIC USE.

WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 450.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00148

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017091

NAME OF SAMPLE SOURCE... TAYLOR, C. WELL
 WELL/SPRING NUMBER..... 12N-01E-16-000

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 12N 001E 16 SE OF SE OF SE
 COUNTY..... CACHE 8&M: SALT LAKE
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... SMITHFIELD 1:24000

COORDINATES

LAT/LONG... 41-46.42 N 111-50.17 W
 UTM ZONE... +12
 NORTHING... 4624583.
 430931.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/04/17
 TEMPERATURE (C)..... 22.0
 WELL DEPTH (M)..... 74.1
 DISCHARGE..... 136.3 L/MIN

PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.

OTHER SAMPLE INFORMATION.. WELL DRILLED 1967; NATURAL FLOW; DOMESTIC USE.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 534.
 TOTAL DISSOLVED SOLIDS... 336.

ANALYSIS IN MG/L

AG.....	CO3..... N	<u>ISOTOPES (0/00)</u>		
AL.....	CR.....	MG... 26.		
H.....	F.....	NA... 32.	SI02. 17.	
BA.....	FE+3.....	NA+K. 32.		
HE.....	FE(TOT).....	NB... 16.	S04.. 16.	
CA... 56.	HCO3... 327.	NO3... 16.		
CL... 12.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00149

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017609

NAME OF SAMPLE SOURCE... TOOMBS, W.W. WELL
 WELL/SPRING NUMBER..... 13N-01W-25-HABB

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 13N 001W 25 NW OF NW OF NE OF
 COUNTY..... CACHE 8&M: SALT LAKE
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... NEWTON 1:24000

COORDINATES

LAT/LONG... 41-50.70 N 111-54.43 W
 UTM ZONE... +12
 NORTHING... 4632642.
 424533.

OTHER LOCALITY INFORMATION: ELEVATION = 4419 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/08/14

TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 449.
 DISCHARGE..... 1135.6
 PERTINENT LITHOLOGY..... AQUIFER IN TERTIARY SAND AND GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1925; NATURAL FLOW; IRRIGATION USE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1310.
 TOTAL DISSOLVED SOLIDS... 720.
 ANALYSIS IN MG/L

AG.....		CO3..... N					
AL.....		CR.....		MG... 31.			
B..... 0.8		F..... 0.3		NA... 182.	SI02.. 24.		
BE.....		FE(TOT).....		NB... 504..		1.1	
CA..... 44.		HCO3..... 358.		NO3... 0.3			
CL..... 255.							
CO.....		K..... 6.1					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

 GEOTHERM SAMPLE FILE

RECORD 00150

NAME OF SAMPLE SOURCE... TOOMBS, W.W. WELL
 WELL/SPRING NUMBER..... 13N-01W-25-BABB

GEOTHERM FILE ID: 0017610

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... CACHE

TOWNSHIP-RANGE

13N 001W 25
 B&M: SALT LAKE

COORDINATES

NW OF NW OF NE OF WMT/LONG... 41-50.70 N 111-54.43 W
 UTM ZONE... +12
 NORTING... 4632642.
 424533.

GEOLOGIC PROVINCE.. WASATCH UPLIFT
 MAP REFERENCE..... NEWTON 1124000

OTHER LOCALITY INFORMATION: ELEVATION = 4419 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/06/29
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 449.
 DISCHARGE..... 1135.6
 PERTINENT LITHOLOGY..... AQUIFER IN TERTIARY SAND AND GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1925; NATURAL FLOW; IRRIGATION USE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1320.
 ANALYSIS IN MG/L

AG.....		CO3..... N			
CA.....		HCO3..... 357.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

 RECORD 00151

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WENNEGREN, C. WELL
 WELL/SPRING NUMBER..... 12N-01E-26-BDD

GEOTHERM FILE ID: 0017094

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12N 001E 20 NE OF NE OF SW LAT/LONG... 41-45.80 N 111-51.82 W
 STATE..... UTAH B&M: SALT LAKE UTM ZONE... +12
 COUNTY..... CACHE NORTHING... 4623721.
 GEOLOGIC PROVINCE.. WASATCH UPLIFT 428263.
 MAP REFERENCE..... SMITHFIELD 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4444 FT.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/05/00
 TEMPERATURE (C)..... 24.0
 WELL DEPTH (M)..... 35.1
 DISCHARGE..... 181.7
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1938; NATURAL FLOW; IRRIGATION USE.
WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 460.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00152

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017093

NAME OF SAMPLE SOURCE... WENNERGREN, C. WELL
 WELL/SPRING NUMBER..... 12N-01E-20-8DD
LOCATION
 COUNTRY..... UNITED STATES 12N 001E 20 SE OF SE OF SW COORDINATES
 STATE..... UTAH B&M: SALT LAKE LAT/LONG... 41-46.03 N 111-51.80 W
 COUNTY..... CACHE UTM ZONE... +12
 GEOLOGIC PROVINCE.. WASATCH UPLIFT NORTHING... 4623941.
 MAP REFERENCE..... SMITHFIELD 1124000 428431.
 OTHER LOCALITY INFORMATION: ELEVATION = 4444 FT.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/05/00
 TEMPERATURE (C)..... 23.0
 WELL DEPTH (M)..... 36.
 DISCHARGE..... 181.7 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1938; NATURAL FLOW; IRRIGATION USE.
WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 510.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00153

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017095

NAME OF SAMPLE SOURCE... WENNERGREN, C. WELL
 WELL/SPRING NUMBER..... 12N-01E-20-8DD
LOCATION
 COUNTRY..... UNITED STATES 12N 001E 20 SW OF NE OF SW COORDINATES
 STATE..... UTAH B&M: SALT LAKE LAT/LONG... 41-45.70 N 111-52.00 W
 COUNTY..... CACHE UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4623610.
 428178.

MAP REFERENCE..... SMITHFIELD 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4444 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/05/00
 TEMPERATURE (C)..... 23.0
 WELL DEPTH (M)..... 36.
 DISCHARGE..... 446.7 L/MIN
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1938; NATURAL FLOW; IRRIGATION USE.
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 470.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GUODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MCGREEVY AND BJORKLUND, 1970

RECORD 00154

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017417

NAME OF SAMPLE SOURCE... RYINGTON, H. J.
 WELL/SPRING NUMBER..... 05N-03W-11-DAD
 LOCATION

	TOWNSHIP-RANGE	COORDINATES
COUNTRY..... UNITED STATES	05N 003W 11	LAT/LONG... 41-10.85 N 112-08.52 W
STATE..... UTAH	B&M; SALT LAKE	UTM ZONE... 12
COUNTY..... DAVIS		NORTHING... 4560799.
GEOLOGIC PROVINCE.. 35		405913.

MAP REFERENCE..... OGDEN BAY 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4220 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/05/14
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 160.
 DISCHARGE..... 15.1 L/MIN
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1966; DOMESTIC USE.
 WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 360.
 TOTAL DISSOLVED SOLIDS... 216.

ANALYSIS IN MG/L

	AG....	CO3.... N	MG... 11.	ISOTOPES (0/001)
	AL....	CR.....	NA... 21.	S102. 18.
	B.... 0.06	F..... 0.2	NB... 11.	S04.. 11.
	HE....	FE(TOT).	NO3.. 0.2	
	CA.... 39.	MCO3.... 193.		
	CL.... 16.			
	CO....	K..... 2.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WAUDELL, 1972A

RECORD 00155

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017403

NAME OF SAMPLE SOURCE... GEN. DAVIS CO. SD WELL
 WELL/SPRING NUMBER..... 03N-01W-15-BAC

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** **COORDINATES**
 STATE..... UTAH 03N 001W 15 SW OF NE OF NW LAT/LONG... 40-59.95 N 111-56.58 W
 COUNTY..... DAVIS B&M SALT LAKE UTM ZONE... +12
 GEOLOGIC PROVINCE.. WASATCH UPLIFT NORTHING... 4538411.
 MAP REFERENCE..... FARMINGTON 1:24000 421357.
 OTHER LOCALITY INFORMATION: ELEVATION = 4222 FT.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/11/14
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 300.2
 DISCHARGE..... 95. L/MIN
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1960: PUBLIC USE.
WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 400.
 ANALYSIS IN MG/L
REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

RECORD 00156

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017404

NAME OF SAMPLE SOURCE... CEN. DAVIS CO. SD WELL
 WELL/SPRING NUMBER..... 03N-01W-15-BAC
LOCATION **TOWNSHIP-RANGE** **COORDINATES**
 COUNTRY..... UNITED STATES 03N 001W 15 SW OF NE OF NW LAT/LONG... 40-59.95 N 111-56.58 W
 STATE..... UTAH B&M SALT LAKE UTM ZONE... +12
 COUNTY..... DAVIS NORTHING... 4538411.
 GEOLOGIC PROVINCE.. 35 421357.
 MAP REFERENCE..... FARMINGTON 1:24000
 OTHER LOCALITY INFORMATION: ELEVATION = 4222 FT.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/09/09
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 300.2
 DISCHARGE..... L/MIN
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1960: PUBLIC USE.
WATER ANALYSIS
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 394.
 TOTAL DISSOLVED SOLIDS... 267.
 ANALYSIS IN MG/L
 AG.... CO3.... N
 AL.... CR..... MG... 3.4
 B.... F..... NA... SI02. 26.
 HA.... FE+3... NA+K. 60.
 HE.... FE(TOT). NB... S04.. 0.5
 CA.... 30. HCO3.... 232. NO3.. 0.2
 CL... 20.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

ISOTOPE ID/QU

RECORD 00157

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FARMINGTON BAY REFUGE WELL
WELL/SPRING NUMBER..... 03N-01W-35-ABA

GEO THERM FILE 101 0017407

LOCATION

COUNTRY..... UNITED STATES
STATE..... UTAH
COUNTY..... DAVIS
GEOLOGIC PROVINCE.. 35
MAP REFERENCE..... FARMINGTON 1124000
OTHER LOCALITY INFORMATION: ELEVATION = 4206 FT.

TOWNSHIP-RANGE

03N 001W 35 NE OF NW OF NE
B&M1 SALT LAKE

COORDINATES

LAT/LONG... 40-56.45 N 111-55.00 W
UTM ZONE... +12
NORTHING... 4533953.
422992.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/11/28
TEMPERATURE (C)..... 29.
WELL DEPTH (M)..... 372.

OTHER SAMPLE INFORMATION.. WELL DRILLED 1955; DOMESTIC USE.

WATER ANALYSIS

P1..... 7.6
SPECIFIC CONDUCTANCE..... 1390.
TOTAL DISSOLVED SOLIDS... 752.
CHARGE IMBALANCE (% DIFF)... 1.3

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	4.4		
H....	F..... 4.4	NA...	250.	SI02..	32.
HE....	FE(TOT).. 0.48	NB...		S04..	22.
CA.... 26.	HCO3..... 79.	NO3..	1.2		
CL.... 370.					
CO....	K..... 2.1				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00158

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... FARMINGTON BAY REFUGE WELL
WELL/SPRING NUMBER..... 03N-01W-35-ABA

GEO THERM FILE 101 0017406

LOCATION

COUNTRY..... UNITED STATES
STATE..... UTAH
COUNTY..... DAVIS
GEOLOGIC PROVINCE.. WASATCH UPLIFT
MAP REFERENCE..... FARMINGTON 1124000
OTHER LOCALITY INFORMATION: ELEVATION = 4206 FT.

TOWNSHIP-RANGE

03N 001W 35 NE OF NW OF NE
B&M1 SALT LAKE

COORDINATES

LAT/LONG... 40-56.45 N 111-55.00 W
UTM ZONE... +12
NORTHING... 4533953.
422992.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/10/10
TEMPERATURE (C)..... 33.
WELL DEPTH (M)..... 371.9

OTHER SAMPLE INFORMATION.. WELL DRILLED 1955; DOMESTIC USE.

WATER ANALYSIS

P1..... 7.9
SPECIFIC CONDUCTANCE..... 1400.

TOTAL DISSOLVED SOLIDS... 773.

ANALYSIS IN MG/L

AG....	CO3.... N				
AL....	CR....	MG...	1.		
R....	F....	NA...		SI02.	36.
BA....	FE+3....	NA+K.	256.		
RE....	FE(TOT)...	NB...		SO4..	26.
CA.... 30.	HCO3.... 88.	NU3..	0.9		
CL.... 380.					

ISOIOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND MADDELL, 1972A

RECORD 00159

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GSL AUTHORITY WELL

GEOHERM FILE ID: 0017411

WELL/SPRING NUMBER..... 04N-03W-19-CAAD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	04N 003W 19	SE OF NE OF NE SW	LAT/LONG...	41-03.88 N 112-13.87 W
STATE.....	UTAH	86M1 SALT LAKE		UTM ZONE...	+12
COUNTY.....	DAVIS			NORTHING...	4546717.
GEOLOGIC PROVINCE..	WASATCH UPLIFT				396236.
MAP REFERENCE.....	ANTELOPE ISLAND NORTH 1:24000				
OTHER LOCALITY INFORMATION:	ELEVATION = 4200 FT.				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/08/01

TEMPERATURE (C)..... 23.

WELL DEPTH (M)..... 146.6

DISCHARGE..... 1059.9 L/MIN

OTHER SAMPLE INFORMATION.. WELL DRILLED 1969; DOMESTIC USE.

WATER ANALYSIS

PH..... 7.7

SPECIFIC CONDUCTANCE..... 516.

ANALYSIS IN MG/L

AG....	CO3.... N	
CA....	HCO3.... 216.	
CL.... 61.		

ISOIOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND MADDELL, 1972A

RECORD 00160

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GSL AUTHORITY WELL

GEOHERM FILE ID: 0017410

WELL/SPRING NUMBER..... 04N-03W-19-CAAD

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	04N 003W 19	SE OF NE OF NE SW	LAT/LONG...	41-03.88 N 112-13.87 W
STATE.....	UTAH	86M1 SALT LAKE		UTM ZONE...	+12
COUNTY.....	DAVIS			NORTHING...	4546717.
GEOLOGIC PROVINCE..	WASATCH UPLIFT				396236.
MAP REFERENCE.....	ANTELOPE ISLAND NORTH 1:24000				
OTHER LOCALITY INFORMATION:	ELEVATION = 4200 FT.				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/09/05
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 146.6
 DISCHARGE..... 1059.9 L/MIN
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1969; DOMESTIC USE.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1260.
 TOTAL DISSOLVED SOLIDS... 758.
 ANALYSIS IN MG/L
 B..... F..... 0.4
 BE..... FE(TOT).. 0.25
 CL..... 315.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

RECORD 00161

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GSL AUTHORITY WELL
 WELL/SPRING NUMBER..... 04N-03W-19-CAAD

GEOHERM FILE ID: 0017412

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 04N 003W 19 SE OF NE OF NE SW
 COUNTY..... DAVIS B&M; SALT LAKE
 GEOLOGIC PROVINCE.. WASATCH UPLIFT
 MAP REFERENCE..... ANTELOPE ISLAND NORTH 1:24000

COORDINATES

LAT/LONG... 41-03.88 N 112-13.87 W
 UTM ZONE... 12
 NORTHING... 4546717.
 396236.

OTHER LOCALITY INFORMATION: ELEVATION = 4200 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/08/02
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 146.6
 DISCHARGE..... 1059.9 L/MIN
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1969; DOMESTIC USE.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 509.
 ANALYSIS IN MG/L
 AG..... CO3..... N
 CA..... HCO3..... 221.
 CL..... 53.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

RECORD 00162

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GSL AUTHORITY WELL
 WELL/SPRING NUMBER..... 04N-03W-19-CAAD

GEOHERM FILE ID: 0017409

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 04N 003W 19 SE OF NE OF NE SW

COORDINATES

LAT/LONG... 41-03.88 N 112-13.87 W

STATE..... UTAH B&M1 SALT LAKE UTM ZONE... +12
 COUNTY..... DAVIS NOTHING... 4546717.
 GEOLOGIC PROVINCE.. 35 396236.
 MAP REFERENCE..... ANTELOPE ISLAND NORTH 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4200 FT.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/07/30
 TEMPERATURE (C)..... 24.0
 WELL DEPTH (M)..... 146.6
 DISCHARGE..... 1059.9 L/MIN
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1969; DOMESTIC USE.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1360.
 TOTAL DISSOLVED SOLIDS... 783.

ANALYSIS IN MG/L

AG....		CO3..... N			
AL....		CR.....	MG... 21.		
H..... 0.16		F..... 0.5	NA... 202.	SI02. 35.	
HE.....		FE(TOT). 0.34	NB... 504..	12.	
CA.... 51.		HCO3.... 187.	NO3.. 0.6		
CL.... 350.					
CO....		K..... 4.8			

ISOTOPES (0/00)**REFERENCE AND IDENTIFICATION**

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADELL, 1972A

RECORD 00163

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017402

NAME OF SAMPLE SOURCE... HARRIS, W. WELL
 WELL/SPRING NUMBER..... 03N-01W-09-AAD

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES	03N 001W 09	SE OF NE OF NE	LAT/LONG... 41-00.82 N 111-57.02 W
STATE..... UTAH	B&M1 SALT LAKE		UTM ZONE... +12
COUNTY..... DAVIS			NORTHING... 4540200.
GEOLOGIC PROVINCE.. WASATCH UPLIFT			420198.
MAP REFERENCE..... KAYSVILLE 1124000			

OTHER LOCALITY INFORMATION: ELEVATION = 4263 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/09/08
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 198.
 DISCHARGE..... 197.5 L/MIN

OTHER SAMPLE INFORMATION.. WELL DRILLED 1945; DOMESTIC USE

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 350.

ANALYSIS IN MG/L**REFERENCE AND IDENTIFICATION**

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADELL, 1972A

RECORD 00164

GEOTHERM FILE ID: 0017415

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HAWKES, C.C. WELL

WELL/SPRING NUMBER..... 05N-02W-05-ACB

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05N 002W 05 NW OF SW OF NE

STATE..... UTAH 06MI SALT LAKE

COUNTY..... DAVIS

GEOLOGIC PROVINCE.. 35

MAP REFERENCE..... ROY 1124000

COORDINATES

LAT/LONG... 41-12.05 N 112-05.48 W

UTM ZONE... +12

NORTHING... 4561435.

408270.

OTHER LOCALITY INFORMATION: ELEVATION = 4250 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/08/30

TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 278.6

DISCHARGE..... 113.6 L/MIN

OTHER SAMPLE INFORMATION.. DOMESTIC USE.

WATER ANALYSIS

PH..... 7.7

SPECIFIC CONDUCTANCE..... 939.

TOTAL DISSOLVED SOLIDS... 509.

ANALYSIS IN MG/L

AG....		CO3..... N						
AL....		CR.....	MG...	2.4				
B....	0.24	F.....	0.4	NA...	139.	SI02.	24.	
BE....		FE(TOT).		NB...		S04...	1.5	
CA....	46.	HCO3....	190.	NO3...	0.5			
CL....	205.							
CO....		K.....	7.6					

ISOIOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00165

GEOTHERM FILE ID: 0017174

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HILL AFB WELL NO. 2

WELL/SPRING NUMBER..... 05N-01W-29-BDC

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05N 001W SW OF SE OF NW

STATE..... UTAH 06MI SALT LAKE

COUNTY..... DAVIS

GEOLOGIC PROVINCE.. WASATCH UPLIFT

MAP REFERENCE..... OGDEN 1124000

COORDINATES

LAT/LONG... 41-08.45 N 111-58.85 W

UTM ZONE... +12

NORTHING... 4552533.

497817.

OTHER LOCALITY INFORMATION: ELEVATION = 4780 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/07/15

TEMPERATURE (C)..... 20.0

WELL DEPTH (M)..... 191.1

DISCHARGE..... 2839. L/MIN

OTHER SAMPLE INFORMATION.. WELL DRILLED 1941; PUBLIC USE.

WATER ANALYSIS

PH..... 7.6

SPECIFIC CONDUCTANCE..... 564.
 TOTAL DISSOLVED SOLIDS... 325.
 ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	21.		
H....	F..... 0.2	NA...		SI02.	11.
BA....	FE+3....	NA+K.	15.		
HE....	FE(TOT).. 0.03	NB...		SO4..	38.
CA.... 75.	HCO3..... 296.	NO3..	2.5		
CL.... 17.					

ISOTOPES (0/001)

QUALIFICATION FIELD..... 18 ANALSES OVER 18 YEARS SHOW TEMPERATURES OF 13-20 DEG. C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00166

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HILL AFB WELL NO. 5
 WELL/SPRING NUMBER..... 04N-01W-06-DCD

GEOHERM FILE ID: 0017408

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04N 001W 06 SE OF SW OF SE
 STATE..... UTAH B&M SALT LAKE
 COUNTY..... DAVIS
 GEOLOGIC PROVINCE.. WASATCH UPLIFT
 MAP REFERENCE..... KAYSVILLE 1:24000

COORDINATES

LAT/LONG... 41-06.27 N 111-59.60 W
 UTM ZONE... +12
 NORTING... 4550454.
 416614.

OTHER LOCALITY INFORMATION: ELEVATION = 4630 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/07/22
 TEMPERATURE (C)..... 0 22.
 WELL DEPTH (M)..... 245.4
 DISCHARGE..... 3785.3 L/MIN

OTHER SAMPLE INFORMATION.. WELL DRILLED 1955; PUBLIC USE.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 460.
 TOTAL DISSOLVED SOLIDS... 272.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	17.		
H....	F..... 0.2	NA...		SI02.	18.
BA....	FE+3....	NA+K.	36.		
HE....	FE(TOT)..	NB...		SO4..	1.
CA.... 41.	HCO3..... 269.	NO3..	0.5		
CL.... 21.					

ISOTOPES (0/001)

QUALIFICATION FIELD..... 12 ANALYSIS OVER 13 YR PERIOD SHOW INCREASE IN TEMPERATURE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00167

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HUOPEN HOT SPRINGS

GEOHERM FILE ID: 0017325

WELL/SPRING NUMBER..... 05N-03W-27-CBD
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 05N 003W 27 SE OF NW OF SW COORDINATES
 COUNTY..... DAVIS B&M: SALT LAKE LAT/LONG... 41-08.22 N 112-10.52 W
 GEOLOGIC PROVINCE.. WASATCH UPLIFT UTM ZONE... +12
 MAP REFERENCE..... OGDEN BAY 1124000 NORTHING... 4554312.
 401045.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1966/11/07
 TEMPERATURE (C)..... 47.8
 DISCHARGE..... E 66. L/MIN

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 14300.
 TOTAL DISSOLVED SOLIDS... 8230.

ANALYSIS IN PPM

AG....		CO3.....		LI....	2.
AL....	0.034	CR.....	L 0.0014	MG....	91.
AS....		CS.....		MN....	6 3.
AU....		CU.....	L 0.0014	MU....	0.00029
R....	1.1	F.....	1.	NA....	2350.
BE....	L 0.00057	FE(TQT)...	0.137	SI02..	30.
BI....	L 0.00029	GA.....	L 0.0057	S04... 38.	
BR....		GE.....	0.046		
CA....	506.	HCO3.....	224.	NI....	0.0051
CA.MG.		HG.....		N03..	1.9
CD....	L 0.0014	H2S.....		PH... L 0.0014	TI... L 0.00057
CL....	4840.	I.....	0.14	V....	L 0.00029
CO... L 0.0014		K.....	256.	ZN... L 0.0057	

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00168

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017324

NAME OF SAMPLE SOURCE... HOOPEM HOT SPRINGS
 WELL/SPRING NUMBER..... 05N-03W-27-CBD

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 05N 003W 27 SE OF NW OF SW COORDINATES
 COUNTY..... DAVIS B&M: SALT LAKE LAT/LONG... 41-08.22 N 112-10.52 W
 GEOLOGIC PROVINCE.. WASATCH UPLIFT UTM ZONE... +12
 MAP REFERENCE..... OGDEN BAY 1124000 NORTHING... 4554312.
 401045.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1957/06/20
 TEMPERATURE (C)..... 54.4

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 14300.
 TOTAL DISSOLVED SOLIDS... 8350.

CHARGE IMBALANCE (% DIFF)... 1.8

ANALYSIS IN PPM

AL....		CR.....		MG....	85.
H....		F.....	0.9	NA....	2420.
				SI02..	34.

ISOTOPES (0/00)

BE.... FE(TQT). NB... 504.. 40.
 CA.... 519. HCO3.... 297.
 CL.... 4940.
 CO.... K..... 168.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00169

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0017176

NAME OF SAMPLE SOURCE... HOOPER HOT SPRINGS

WELL/SPRING NUMBER..... 05N-03W-27-C8D

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 05N 003W 27 SE OF NW OF SW LAT/LONG... 41-08.22 N 112-10.52 W
 STATE..... UTAH 8&M SALT LAKE UTM ZONE... +12
 COUNTY..... DAVIS NORTHING... 4554638.
 GEOLOGIC PROVINCE.. WASATCH UPLIFT 401553.
 MAP REFERENCE..... OGDEN BAY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/09/15

TEMPERATURE (C)..... 60.

WATER ANALYSIS

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

SPECIFIC CONDUCTANCE..... 14900.

TOTAL DISSOLVED SOLIDS... 9310.

CHARGE IMBALANCE (% DIFF)... 16.7

ANALYSIS IN PPMISOIOPES (0/00)

AL....	CR.....	MG... 92.			
B....	F.....	0.7	NA... 2520.	SI02. 35.	
BE....	FE(TQT).		NB... 504..	NO3.. 36.	
CA.... 535.	HCO3.... 234.				
CL.... 4370.					
CO....	K..... 265.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00170

GEOTHERM SAMPLE FILE

GEOTHERM FILE 101 0017321

NAME OF SAMPLE SOURCE... HOOPER HOT SPRINGS

WELL/SPRING NUMBER..... 05N-03W-27-C8D

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 05N 003W 27 SE OF NW OF SW LAT/LONG... 41-08.22 N 112-10.52 W
 STATE..... UTAH 8&M SALT LAKE UTM ZONE... +12
 COUNTY..... DAVIS NORTHING... 4554307.
 GEOLOGIC PROVINCE.. 35 401464.
 MAP REFERENCE..... OGDEN BAY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/11/03

TEMPERATURE (C)..... 60.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 14500.

TOTAL DISSOLVED SOLIDS... 8600.
CHARGE IMBALANCE (% DIFF)... 1.1
ANALYSIS IN PPM

AL.... CR..... MG... 118.
H.... F..... NA... 2390.
RE.... FE(TOT)... SI02. 28.
CA.... 523. HCO3.... 245. NB... 36.
CL.... S100. CO... K..... 283.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... MUNDORFF, 1970

GEOTHERM SAMPLE FILE

RECORD 00171

GEOTHERM FILE ID: 0017400

NAME OF SAMPLE SOURCE... ROUCHE, L. WELL
WELL/SPRING NUMBER..... 03N-01W-04-C08

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 03N 001W 04 NW OF SE OF SW
COUNTY..... DAVIS B&M SALT LAKE

COORDINATES

LAT/LONG... 41-01.17 N 111-57.72 W
UTM ZONE... 12
NORTHING... 4541207.
419452.

GEOLOGIC PROVINCE.. WASATCH UPLIFT
MAP REFERENCE..... KAYSVILLE 1124000
OTHER LOCALITY INFORMATION: ELEVATION = 4231 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/08/20
TEMPERATURE (C)..... 20.
WELL DEPTH (M)..... 200.3
DISCHARGE..... 64.4 L/MIN
OTHER SAMPLE INFORMATION.. WELL DRILLED 1952; PUBLIC USE.

WATER ANALYSIS

PH..... 7.8
SPECIFIC CONDUCTANCE... 368.
TOTAL DISSOLVED SOLIDS... 222.

ANALYSIS IN MG/L

AG.... CO3.... N
AL.... CR..... MG... 6.8
H.... F..... NA... SI02. 19.
BA.... FE+3... NB... 46.
RE.... FE(TOT)... NO3... 6.4
CA.... 27. HCO3.... 192.
CL.... 23.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... BOLKE AND MADDELL, 1972A

GEOTHERM SAMPLE FILE

RECORD 00172

GEOTHERM FILE ID: 0017401

NAME OF SAMPLE SOURCE... SMITH, C.D. WELL
WELL/SPRING NUMBER..... 03N-01W-05-00A

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 03N 001W 05 NE OF SE OF SE

COORDINATES

LAT/LONG... 41-01.17 N 111-58.17 W

STATE..... UTAH B&M: SALT LAKE
 COUNTY..... DAVIS
 GEOLOGIC PROVINCE.. WASATCH UPLIFT
 MAP REFERENCE..... KAYSVILLE 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4226 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/11/14
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 279.8
 DISCHARGE..... 1135.6 L/MIN
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1966; STOCK USE.

UTM ZONE... +12
 NORTING... 4540772.
 418691.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 301.
 TOTAL DISSOLVED SOLIDS... 195.

ANALYSIS IN MG/L

AG....	CO3.... N				
AL....	CR.....	MG...	7.3		
B....	F.....	NA...		SI02.	34.
BA....	FE+3....	NA+K.	32.		
BE....	FE(TOT).	NH...		S04..	3.2
CA.... 25.	HCO3.... 161.	NO3..	0.5		
CL.... 18.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOLKE AND WAUDELL, 1972A

RECORD 00173

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SOUTHWEST HOOPER WARM SPRINGS
 WELL/SPRING NUMBER..... 05N-03W-28-DAC

GEO THERM FILE ID: 0000741

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 05N 003W 28 SW OF NE OF SE
 COUNTY..... DAVIS B&M: SALT LAKE
 GEOLOGIC PROVINCE.. WASATCH UPLIFT
 MAP REFERENCE..... OGOEN BAY 1124000
 OTHER LOCALITY INFORMATION: 3/8 MILE WEST OF HOOPER SPRING.

COORDINATES

LAT/LONG... 41-08.22 N 112-10.95 W
 UTM ZONE... +12
 NORTING... 4554027.
 400257.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/09/15
 TEMPERATURE (C)..... 32.2

WATER ANALYSIS

DATE/ANALYST..... 1953/09/00 U.S. BUREAU OF RECLAMATION
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 39400.
 TOTAL DISSOLVED SOLIDS... 27800.

ANALYSIS IN PPM

AL....	CR.....	MG...	458.		
B....	F.....	NA...	8290.	SI02.	48.
BE....	FE(TOT).	NH...		S04..	219.
CA.... 536.	HCO3.... 304.	NO3..	1.6		
CL.... 14400.					
CO....	K..... 803.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00174

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017912

NAME OF SAMPLE SOURCE... THALMAN, A. WELL
 WELL/SPRING NUMBER..... 02N-01W-27-000

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 02N 001W 27 SE OF SE OF SE
 STATE..... UTAH 8&M; SALT LAKE
 COUNTY..... DAVIS
 GEOLOGIC PROVINCE.. WASATCH UPLIFT
 MAP REFERENCE..... SALT LAKE CITY NORTH 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4230 FT.

LAT/LONG... 40-52.35 N 111-55.85 W
 UTM ZONE... +12
 NORTHING... 4524753.
 421632.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/02/21
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 152.4
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1885; DOMESTIC USE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 661.
 TOTAL DISSOLVED SOLIDS... 375.

ANALYSIS IN MG/LREFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND MADDELL, 1972A

RECORD 00175

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017172

NAME OF SAMPLE SOURCE... THALMAN, F. WELL
 WELL/SPRING NUMBER..... 02N-01W-26-CDD

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 02N 001W 26 SE OF SE OF SW
 STATE..... UTAH 8&M; SALT LAKE
 COUNTY..... DAVIS
 GEOLOGIC PROVINCE.. WASATCH UPLIFT
 MAP REFERENCE..... SALT LAKE CITY NORTH 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 4243 FT.

LAT/LONG... 40-52.30 N 111-55.17 W
 UTM ZONE... +12
 NORTHING... 4524524.
 422219.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/08/21
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 129.5
 DISCHARGE..... 8516.9 L/MIN
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1961; WATER NOT USED.

WATER ANALYSIS

P4..... 7.9
 SPECIFIC CONDUCTANCE..... 3640.
 TOTAL DISSOLVED SOLIDS... 2200.

ANALYSIS IN MG/L

AG..... CO3..... N
 AL..... CR..... MG... 61.
 H..... 0.31 F..... NA... 451.

ISOTOPES (0/00)

BE.... FE(TQT). NB... S04.. 112.
 CA.... 194. HCO3.... 144.
 CL.... 1060.
 CO.... K..... 7.8

QUALIFICATION FIELD..... TEMPERATURE 15-19 DEG. C AT SHALLOWER DEPTHS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00176

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017424

NAME OF SAMPLE SOURCE... WAYMENT, E.J. WELL
 WELL/SPRING NUMBER..... 06N-03W-04-DAB

LOCATION

COUNTRY..... UNITED STATES 06N 003W 04 NW OF NE OF SE
 STATE..... UTAH B&M: SALT LAKE

COORDINATES

LAT/LONG... 41-17.13 N 112-10.97 W
 UTM ZONE... +12
 NORTHING... 4570752.
 400598.

COUNTY..... DAVIS
 GEOLOGIC PROVINCE.. WASATCH UPLIFT
 MAP REFERENCE..... PLAIN CITY SW 1124000

OTHER LOCALITY INFORMATION: ELEVATION = 4215 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/09
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 164.6
 DISCHARGE..... 22.7 L/MIN

OTHER SAMPLE INFORMATION.. WELL DRILLED 1966; STOCK USE.

WATER ANALYSIS

pH..... 8.0
 SPECIFIC CONDUCTANCE..... 816.
 TOTAL DISSOLVED SOLIDS... 531.

ANALYSIS IN MG/L

AG....	CO3.... N				
AL....	CR....	MG...	3.4		
R.... 0.7	F.... 2.0	NA...	197.	SI02.	25.
BE....	FE(TQT).	NB...		S04..	4.2
CA.... 4.	HCO3.... 502.	N03..	0.9		
CL.... 28.					
CO....	K..... 4.8				

ISOTOPES (0/000)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00177

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017405

NAME OF SAMPLE SOURCE... WHEELER MACH. CO. WELL
 WELL/SPRING NUMBER..... 03N-01W-27-ADA

LOCATION

COUNTRY..... UNITED STATES 03N 001W 27 NE OF SE OF NE
 STATE..... UTAH B&M: SALT LAKE

COORDINATES

LAT/LONG... 40-58.12 N 111-55.87 W
 UTM ZONE... +12
 NORTHING... 4535297.
 421828.

COUNTY..... DAVIS
 GEOLOGIC PROVINCE.. WASATCH UPLIFT
 MAP REFERENCE..... FARMINGTON 1:24000

OTHER LOCALITY INFORMATION: ELEVATION = 4213 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/11/12

TEMPERATURE (C)..... 21.0

WELL DEPTH (M)..... 259.1

DISCHARGE..... 143.8 L/MIN

OTHER SAMPLE INFORMATION.. WELL DRILLED 1965; DOMESTIC USE.

WATER ANALYSIS

PH..... 7.8

SPECIFIC CONDUCTANCE..... 570.

TOTAL DISSOLVED SOLIDS... 354.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	3.9		
B....	F.....	NA...		SI02.	26.
HA....	FE+3....	NA+K.	111.		
HE....	FE(TOT).	NB...		SO4..	2.
CA....	HCO3..... 301.	NO3..	3.2		
CL....					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00178

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARM SPRING

GEO THERM FILE ID: 0017556

WELL/SPRING NUMBER..... 01N-08W-30-00B

LOCATION

COUNTRY..... UNITED STATES

STATE..... UTAH

COUNTY..... DUCHESNE

GEOLOGIC PROVINCE.. 36

MAP REFERENCE..... HANNA 1:24000

OTHER LOCALITY INFORMATION: ELEVATION = 7030 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/11/24

TEMPERATURE (C)..... 26.

DISCHARGE..... E 757.

PERTINENT LITHOLOGY..... AQUIFER IN "WEBER QUARTZITE".

OTHER SAMPLE INFORMATION.. IRRIGATION USE.

WATER ANALYSIS

PH..... 7.4

SPECIFIC CONDUCTANCE..... 704.

TOTAL DISSOLVED SOLIDS... 454.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	27.		
B....	F..... 0.9	NA...	23.	SI02.	16.
HE....	FE(TOT). 0.02	NB...		SO4..	180.
CA....	HCO3..... 190.	NO3..	0.08		
CD....	H2S.....	PO4..	0.06		
CL....					
CO....	K..... 4.4				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND OTHERS, 1976

RECORD 00179

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017218

NAME OF SAMPLE SOURCE... ROADSIDE GEYSER - WATER WELL
 WELL/SPRING NUMBER..... 185-14E-09-DCD

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	18S 014E 09	SE OF SW OF SE	COORDINATES	
STATE.....	UTAH		8&M SALT LAKE		LAT/LONG...	39-15.83 N 110-21.17 W
COUNTY.....	EMERY				UTM ZONE...	+12
GEOLOGIC PROVINCE..	36				NORTHING...	4345957.
MAP REFERENCE.....	WOODSIDE 1162500					556336.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/03/14
 TEMPERATURE (C)..... 27.8
 WELL DEPTH (M)..... 54.9
 PERTINENT LITHOLOGY..... "MANCOS SHALE".

WATER ANALYSIS

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

SPECIFIC CONDUCTANCE..... 5640.
 TOTAL DISSOLVED SOLIDS... 4710.

ANALYSIS IN MG/LISOTOPIES (0/00)

AL.....	CR.....	MG...	288.		
B..... 0.4					
BA.....	FE+3....	NA+K.	360.		
BE.....	FE(TQT).	NB...		504..	1540.
CA..... 908.	HCO3....	NO3.. N			
CL..... 215.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00180

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017208

NAME OF SAMPLE SOURCE... DEAD COWS SPRING
 WELL/SPRING NUMBER..... 315-09E-17-CBA

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	31S 009E 17	NE OF NW OF SW	COORDINATES	
STATE.....	UTAH		8&M SALT LAKE		LAT/LONG...	38-06.58 N 110-56.80 W
COUNTY.....	GARFIELD				UTM ZONE...	+12
GEOLOGIC PROVINCE..	36				NORTHING...	4218148.
MAP REFERENCE.....	MT ELLEN 1162500					504997.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/07/31
 TEMPERATURE (C)..... 25.0
 DISCHARGE..... 38. L/MIN
 PERTINENT LITHOLOGY..... "MANCOS SHALE".

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1350.
 TOTAL DISSOLVED SOLIDS... 971.
 CHARGE IMBALANCE (% DIFF)... 0.1

ANALYSIS IN MG/L

AG....		CO3.....		LI...	0.03				
AL....		CR.....		MG...	67.				
AS....	N								
H.....	0.11	F.....	0.5	NA...	62.	SI02.	19.		
HE....		FE(TOT).		NB...		SO4..	520.		
CA....	150.	HCO3....	248.	NO3..	0.01				
CA+MG.		HG.....		PB...	0.003				
CD....		H2S.....		PO4..	0.03				
CL....	29.								
CO....		K.....	0.8						

ISOTOPES (0/00)

ZN... N

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00181

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017623

NAME OF SAMPLE SOURCE... HONEY POT SPRING
 WELL/SPRING NUMBER..... 36S-11E-06-ACA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	36S 01E 06	NE OF SW OF NE	LAT/LONG...	37-42.62 N 110-44.00 W
STATE.....	UTAH	8&M: SALT LAKE		UTM ZONE...	12
COUNTY.....	GARFIELD			NORTHING...	4173467.
GEOLOGIC PROVINCE..	36				523182.
MAP REFERENCE.....	MT ELLSWORTH 1162500				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/17
 TEMPERATURE (C)..... 23.
 DISCHARGE..... E 7.6

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 3000.
 TOTAL DISSOLVED SOLIDS... 2790.
 CHARGE IMBALANCE (% DIFF)... 0.7

ANALYSIS IN MG/L

AG....		CO3.....		LI...	0.17				
AL....		CR.....		MG...	260.				
AS....	0.001								
H.....	0.12	F.....	0.4	NA...	300.	SI02.	11.		
HE....		FE(TOT).		NB...		SO4..	1800.		
CA....	190.	HCO3....	405.	NO3..	1.4				
CA+MG.		HG.....		PB...	0.001				
CD....		H2S.....		PO4..	N				
CL....	15.								
CO....		K.....	13.						

ISOTOPES (0/00)

ZN... 0.01

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00182

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017537

NAME OF SAMPLE SOURCE... LAFEVRE'S SPRING
 WELL/SPRING NUMBER..... 33S-05W-17-AC

NAME OF SAMPLE SOURCE... SHITAMARING MINE WELL
 WELL/SPRING NUMBER..... 35S-11E-16-DCD

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE SE OF SW OF SE
 STATE..... UTAH 35S 011E 16
 COUNTY..... GARFIELD BLM: SALT LAKE
 GEOLOGIC PROVINCE.. PARADOX BASIN
 MAP REFERENCE..... MT HILLERS 1162500

COORDINATES
 LAT/LONG... 37-45.50 N 110-41.98 W
 UTM ZONE... +12
 NORTHING... 4178802.
 526162.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/00/00
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 170.7
 DISCHARGE..... 132.5 L/MIN
 PERTINENT LITHOLOGY..... UPPER JURASSIC "ENTRADA SANDSTONE".

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 610.
 TOTAL DISSOLVED SOLIDS... 369.

ANALYSIS IN MG/L

AG....		CO3....		LI... 0.1			
AL....		CR.....		MG... 12.			
AS....	0.005						
B....	0.07	F.....	0.3	NA... 83.	S102.	15.	
HE....		FE(TOT)..		NB... 504..		130.	
CA....	21.	HCO3....	177.	NO3... 0.7			
CA+MG.		MG.....		PB... 0.004			
CL....	8.1						
CO....		K.....	5.5				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00189

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017621

NAME OF SAMPLE SOURCE... SHITAMARING SPRING
 WELL/SPRING NUMBER..... 35S-11E-21-ABB

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE NW OF NW OF NE
 STATE..... UTAH 35S 011E 21
 COUNTY..... GARFIELD BLM: SALT LAKE
 GEOLOGIC PROVINCE.. PARADOX BASIN
 MAP REFERENCE..... MT HILLERS 1162500

COORDINATES
 LAT/LONG... 37-45.42 N 110-42.13 W
 UTM ZONE... +12
 NORTHING... 4178580.
 526339.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1976/08/30
 TEMPERATURE (C)..... 22.
 DISCHARGE..... L 3.8
 PERTINENT LITHOLOGY..... UPPER JURASSIC "SUMMERVILLE FORMATION".

WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 3600.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00190

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017538

NAME OF SAMPLE SOURCE... TEHBS SPRING
WELL/SPRING NUMBER..... 135-05W-16-CDC

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 33S 005W 16 SW OF SE OF SW
STATE..... UTAH B&M: SALT LAKE
COUNTY..... GARFIELD
GEOLOGIC PROVINCE.. 36
MAP REFERENCE..... PANGUITCH NW 1124000

COORDINATES

LAT/LONG... 37-56.12 N 112-25.50 W
UTM ZONE... +12
NORTHING... 4199137.
374505.

OTHER LOCALITY INFORMATION: ELEVATION = 6460 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/05/03

TEMPERATURE (C)..... 0 20.

DISCHARGE..... 1060.

PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

OTHER SAMPLE INFORMATION.. IRRIGATION AND STOCK USE.

WATER ANALYSIS

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

PH..... 8.2

SPECIFIC CONDUCTANCE.... 346.

TOTAL DISSOLVED SOLIDS... 218.

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG... 6.3			
B.... 0.06		F..... 0.3	NA... 50.	SI02.		
BA....		FE+3....	NA+K. 35.			
HE....		FE(TOT). N	NB... 14.	SO4..		
CA.... 35.		HCO3.... 186.	N03... 0.9			
CL.... 16.						

ISOTOPES (0/00)

QUALIFICATION FIELD..... TEMP RANGE 15-20 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... CARPENTER AND OTHERS, 1964

RECORD 00191

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017618

NAME OF SAMPLE SOURCE... THOMPSON SEEP
WELL/SPRING NUMBER..... 35S-09E-13-CBCH

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 35S 009E 13 NW OF SW OF NW SW
STATE..... UTAH B&M: SALT LAKE
COUNTY..... GARFIELD
GEOLOGIC PROVINCE.. PARADOX BASIN
MAP REFERENCE..... MT PENNELL 1162500

COORDINATES

LAT/LONG... 37-45.78 N 110-52.57 W
UTM ZONE... +12
NORTHING... 4179211.
510834.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/19

TEMPERATURE (C)..... 21.

DISCHARGE..... L 3.8

PERTINENT LITHOLOGY..... CRETACEOUS "DAKOTA SANDSTONE".

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 850.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00192

GEO THERM FILE ID: 0017625

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TIC A BOO SPRING
 WELL/SPRING NUMBER..... 359-12E-27-CCA

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 35S 01E 27 NE OF SW OF SW
 COUNTY..... GARFIELD B&M: SALT LAKE
 GEOLOGIC PROVINCE.. 36

COORDINATES

LAT/LONG... 37-44.90 N 110-34.83 W
 UTM ZONE... +12
 NORTING... 4175959.
 537010.

MAP REFERENCE..... MT ELLSWORTH 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/18
 TEMPERATURE (C)..... 28.

DISCHARGE..... L 3.8

PERTINENT LITHOLOGY..... UPPER JURASSIC "CARMEL FORMATION".

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 480.
 TOTAL DISSOLVED SOLIDS... 268.
 CHARGE IMBALANCE (% DIFF)... 6.7

ANALYSIS IN MG/L

AL....	CR.....	MG....	28.		
B....	F.....	NA....	20.	5102.	17.
BE....	FE (TOT).	NB....		504..	38.
CA.... 36.	HCO3....	NO3..	1.1		
CL.... 24.					
CO....	K.....		2.9		

ISOTOPIES (O/OD)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00193

GEO THERM FILE ID: 0017627

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UPPER HOG SPRING
 WELL/SPRING NUMBER..... 335-1JE-05-DBC

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 33S 01E 05 SW OF NW OF SE
 COUNTY..... GARFIELD B&M: SALT LAKE
 GEOLOGIC PROVINCE.. 36

COORDINATES

LAT/LONG... 37-57.78 N 110-30.07 W
 UTM ZONE... +12
 NORTING... 4201511.
 543923.

MAP REFERENCE..... MT HILLENS 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/07/06
 TEMPERATURE (C)..... 31.

DISCHARGE..... R 15.

PERTINENT LITHOLOGY..... UPPER TRIASSIC "WINGATE SANDSTONE".

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 680.
 QUALIFICATION FIELD..... FLOW GIVEN AS 2-6 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOOUE, 1978

RECORD 00194

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017463

NAME OF SAMPLE SOURCE... BIG MAPLE SPRING

WELL/SPRING NUMBER..... 31S-09W-03-C8A

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 31S 009W 03 NE OF NW OF SW LAT/LONG... 38-08.30 N 112-51.80 W
 STATE..... UTAH B&M: SALT LAKE UTM ZONE... +12
 COUNTY..... IRON NORTHING... 4222782.
 GEOLOGIC PROVINCE.. 35 336734.

MAP REFERENCE..... MINERSVILLE 1162500

OTHER LOCALITY INFORMATION: ELEVATION = 6700 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/08/22

TEMPERATURE (C)..... 21.

OTHER SAMPLE INFORMATION.. STUCK USE.

WATER ANALYSIS

PH..... 8.2

SPECIFIC CONDUCTANCE.... 414.

TOTAL DISSOLVED SOLIDS... 268.

CHARGE IMBALANCE (% DIFF)... 3.5

ANALYSIS IN MG/LISOTOPES (D/001)

AG....		CO3..... N				
AL....		CR.....	MG... 6.8			
B....	0.05	F.....	0.5	NA... 21.	SI02. 35.	
BE....		FE(TOT)..	0.09	NB... 504..	14.	
CA....	57.	HCO3....	206.	NO3... 0.4		
CL....	30.					
CO....		K.....	2.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND CORDOVA, 1974

RECORD 00195

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017220

NAME OF SAMPLE SOURCE... BUCKHORN CORP.

WELL/SPRING NUMBER..... 32S-08W-12-BAC

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 32S 008W 12 SW OF NE OF NW LAT/LONG... 38-02.45 N 112-42.73 W
 STATE..... UTAH B&M: SALT LAKE UTM ZONE... +12
 COUNTY..... IRON NORTHING... 4211548.
 GEOLOGIC PROVINCE.. GREAT BASIN 349414.

MAP REFERENCE..... BUCKHORN FLAT 1124000

OTHER LOCALITY INFORMATION: ELEVATION = 5818 FT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/05/21

TEMPERATURE (C)..... 20.0

WELL DEPTH (M)..... 134.1

DISCHARGE..... 13211. L/MIN

PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY VOLCANIC ROCKS.
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1970; IRRIGATION USE.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 260.
 TOTAL DISSOLVED SOLIDS... 210.
 CHARGE IMBALANCE (% DIFF)... 3.6

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....		MG... 6.8			
B.....	0.04	F.....	0.2	NA... 15.	SI02.	58.	
RE....		FE(TOT). N		NB... 11.	S04..		
CA....	31.	HCO3.....	130.	NO3.. 0 0.75			
CL....	15.						
CO....		K.....	5.3				

ISOTOPES (0/00)

QUALIFICATION FIELD..... NO3 = NO2 + NO3.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND OTHERS, 1977

RECORD 00196

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017118

NAME OF SAMPLE SOURCE... CHRISTENSEN BROS WATER WELL
 WELL/SPRING NUMBER..... 365-15W-20-880

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	36S 015W 20	SE OF NW OF NW	LAT/LONG...	37-39.57 N 113-33.77 W
STATE.....	UTAH	B&M: SALT LAKE		UTM ZONE...	+12
COUNTY.....	IRON			NORTHING...	4170985.
GEOLOGIC PROVINCE..	35				273651.
MAP REFERENCE.....	NEWCASTLE 1:24000				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/12/00
 TEMPERATURE (C)..... 0 95.5
 WELL DEPTH (M)..... 152.4
 DISCHARGE..... 6435. L/MIN

PERTINENT LITHOLOGY..... AQUIFER IN HOLOCENE ALLUVIUM.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1550.
 TOTAL DISSOLVED SOLIDS... 1120.

ANALYSIS IN MG/L

AG....		CO3..... N		LI... 0.46			
AL....		CR.....		MG... 0.4			
AS....		CS.....		MN... 0.7			
B.....	0.71	F.....	7.3	NA... 270.	SI02.	99.	
HE....		FE(TOT)..	0.01	NB... 580.	S04..		
HI....		GA.....		NH4.. 1.1	SR... 1.1		
CA....	58.	HCO3.....	64.	NO3.. 0.22			
CL....	52.						
CO....		K.....	21.				ZN... 0.02

ISOTOPES (0/00)

QUALIFICATION FIELD..... MAX TEMP 107C BETWEEN 280-320 FOOT LEVEL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

GEOTHERM SAMPLE FILE RECORD 00197
 NAME OF SAMPLE SOURCE... COLUMBIA IRON WELL GEOTHERM FILE ID: 0017115
 WELL/SPRING NUMBER..... 365-15W-04-DCCD
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE**
 STATE..... UTAH 365 015W 04 SE OF SW OF SW SE **COORDINATES**
 COUNTY..... IRON B&M: SALT LAKE SE LAT/LONG... 37-41.52 N 113-32.25 W
 GEOLOGIC PROVINCE.. GREAT BASIN UTM ZONE... +12
 MAP REFERENCE..... NEWCASTLE 1:24000 NORTHING... 4174578.
 276309.
SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 71.6
 DISCHARGE..... 3501.4 L/MIN
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1947; IRRIGATION USE.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SANDBERG, 1963

GEOTHERM SAMPLE FILE RECORD 00198
 NAME OF SAMPLE SOURCE... DE ARMAND #1 WELL GEOTHERM FILE ID: 0017114
 WELL/SPRING NUMBER..... 345-16W-18-CB
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE**
 STATE..... UTAH 345 016W 18 NW OF SW **COORDINATES**
 COUNTY..... IRON B&M: SALT LAKE LAT/LONG... 37-50.34 N 113-41.22 W
 GEOLOGIC PROVINCE.. GREAT BASIN UTM ZONE... +12
 MAP REFERENCE..... YALE CROSSING 1:24000 NORTHING... 4191149.
 263546.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1976/00/00
 TEMPERATURE (C)..... 145.0
 WELL DEPTH (M)..... U 2133.6
 DISCHARGE..... 3785.3 L/MIN
 OTHER SAMPLE INFORMATION.. INFORMATION FROM UTAH POWER AND LIGHT CO.
WATER ANALYSIS
 TOTAL DISSOLVED SOLIDS... L 4000.
 QUALIFICATION FIELD..... TOTAL DEPTH OF FINISHED WELL = 3747.5M.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

GEOTHERM SAMPLE FILE RECORD 00199
 NAME OF SAMPLE SOURCE... JONES, L. C. WELL GEOTHERM FILE ID: 0017221
 WELL/SPRING NUMBER..... 345-12W-36-ABB
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE**
 STATE..... UTAH 345 012W 36 NW OF NW OF NE **COORDINATES**
 B&M: SALT LAKE LAT/LONG... 37-48.52 N 113-08.90 W
 UTM ZONE... +12

COUNTY..... IRON
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... THE THREE PEAKS 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 5625 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1974/09/10
 TEMPERATURE (C)..... 20.0
 PERTINENT LITHOLOGY..... AQUIFER IN QUATERNARY GRAVEL.
 OTHER SAMPLE INFORMATION.. STOCK USE.

NORTHING... 4186594.
 310819.

ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1000.
 TOTAL DISSOLVED SOLIDS... 653.
 CHARGE IMBALANCE (% DIFF)... 2.5
 ANALYSIS IN MG/L

AL....	CR.....	MG...	52.		
H..... 0.12	F.....	NA...	50.		
RE.....	FE(TOT)..	NB...		SI02.	26.
CA..... 80.	HCO3....	NO3..	0.35	SO4...	330.
CL..... 40.					
CO....	K.....				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND OTHERS, 1977

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PICKERELL, V. OBSERVATION WELL
 WELL/SPRING NUMBER..... 365-15W-18-ACCC

RECORD 00200

GEOTHERM FILE ID: 0017117

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... IRON
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... NEWCASTLE 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 5225 FT.

TOWNSHIP-RANGE

365 015W 18
 B&M: SALT LAKE

COORDINATES

SW OF SW OF SW NE LAT/LONG... 37-40.13 N 113-34.52 W
 UTM ZONE... +12
 NORTHING... 4172457.
 272632.

TEMPERATURE (C)..... 23.3
 WELL DEPTH (M)..... 121.9
 DISCHARGE..... 3596. L/MIN
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1951; IRRIGATION USE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SANDBERG, 1963

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... VANDENBURGE G.
 WELL/SPRING NUMBER..... 375-12W-11-AAB

RECORD 00201

GEOTHERM FILE ID: 0017222

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH

TOWNSHIP-RANGE

375 012W 11
 B&M: SALT LAKE

COORDINATES

NW OF NE OF NE LAT/LONG... 37-36.05 N 113-09.85 W
 UTM ZONE... +12

COUNTY..... IRON
 GEOLOGIC PROVINCE.. GREAT BASIN
 MAP REFERENCE..... KANARRAVILLE 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 5490 FT.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1959/07/13
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 111.3
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1953; IRRIGATION USE.

NORTHING... 4163655.
 308968.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 586.
 TOTAL DISSOLVED SOLIDS... 403.

ANALYSIS IN MG/L

AL.....	CR.....	MG...	28.		
H.....	F.....	NA...		SI02.	54.
BA.....	FE.....	NA+K.	34.		
BE.....	FE(TOT)...	NB...		S04..	137.
CA..... 47.	HCO3..... 178.	NO3..	3.		
CL..... 12.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SANDBERG, 1963

GEOTHERM SAMPLE FILE

RECORD 00202

GEOTHERM FILE ID: 0017628

NAME OF SAMPLE SOURCE... VANDENBURGE G.
 WELL/SPRING NUMBER..... 37S-12W-11-AAA

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... IRON
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... KANARRAVILLE 1124000
 OTHER LOCALITY INFORMATION: ELEVATION = 5490 FT.

TOWNSHIP-RANGE

37S 012W 11 NE OF NE OF NE
 B&M; SALT LAKE

COORDINATES

LAT/LONG... 37-36.10 N 113-09.73 W
 UTM ZONE... 12
 NORTHING... 4163758.
 309324.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/06/14
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 111.3
 OTHER SAMPLE INFORMATION.. WELL DRILLED 1953; IRRIGATION USE.

WATER ANALYSIS

DATE/ANALYST..... U.S. GEOLOGICAL SURVEY
 PH..... 7.8
 SPECIFIC CONDUCTANCE..... 566.
 TOTAL DISSOLVED SOLIDS... 408.

ANALYSIS IN MG/L

AG.....	CO3..... N	MG...	30.		
AL.....	CR.....	NA...	31.	SI02.	51.
B..... 0.14	F..... 0.3	NB...		S04..	140.
BE.....	FE(TOT)...	NO3..	0.9		
CA..... 47.	HCO3..... 180.				
CL..... 12.					
CO.....	K..... 4.1				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND AND OTHERS, 1977

RECORD 00203

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017358

NAME OF SAMPLE SOURCE... BAKER (ABRAHAM OR CRATER) HOT SPRINGS
 WELL/SPRING NUMBER..... 14S-08W-10-D

LOCATION
 COUNTRY..... UNITED STATES 14S 08W 10 S 1/2 OF SE
 STATE..... UTAH 86MI SALT LAKE
 COUNTY..... JUAB
 GEOLOGIC PROVINCE.. GREAT BASIN
 MAP REFERENCE..... BAKER HOT SPRINGS 1124000
 OTHER LOCALITY INFORMATION: 18 MILES N-NW OF "DELTA".

COORDINATES
 LAT/LONG... 39-36.8 N 112-43.7 W
 UTM ZONE... 12
 NORTING... 4386483.
 350811.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1927/11/12
 PERTINENT LITHOLOGY..... FLOOR OF "SEVIER DESERT" ALONG THE EAST SIDE OF A QUATERNARY BASALT FLOW.
 OTHER SAMPLE INFORMATION.. SPRINGS ISSUE FROM A 15' HIGH X SEVERAL HUNDRED FEETH TUFA MOUND.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 3170.

ANALYSIS IN MG/LISOTOPIES (0/00)

BA....	FE+3....	NA+K.	703.		
BE....	FE(TOT).	NB...	504..	560.	
CA.... 440.	HCO3.... 156.				
CL.... 1410.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00204

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002963

NAME OF SAMPLE SOURCE... BAKER (ABRAHAM OR CRATER) HOT SPRINGS
 WELL/SPRING NUMBER..... 14S-08W-10-D

LOCATION
 COUNTRY..... UNITED STATES 14S 08W 10 S 1/2 OF SE
 STATE..... UTAH 86MI SALT LAKE
 COUNTY..... JUAB
 GEOLOGIC PROVINCE.. GREAT BASIN
 MAP REFERENCE..... BAKER HOT SPRINGS 1124000
 OTHER LOCALITY INFORMATION: 18 MILES N-NW OF "DELTA".

COORDINATES
 LAT/LONG... 39-36.8 N 112-43.7 W

SAMPLE DESCRIPTION AND CONDITIONS
 SAMPLE NUMBER..... B
 TEMPERATURE (C)..... 0 82.2
 DISCHARGE..... 0 946.3
 DEPOSITS OR ALTERATION... SPRING AT TOP OF A TRAVERTINE MOUND.
 PERTINENT LITHOLOGY..... FLOOR OF "SEVIER DESERT" ALONG THE EAST SIDE OF A QUATERNARY BASALT FLOW.
 OTHER SAMPLE INFORMATION.. SPRINGS ISSUE FROM A 15' HIGH BY SEVERAL HUNDRED FEET DIAMETER TUFA MOUND DISCHARGE

WATER ANALYSIS

REPORTED BY THOMAS, H.E. (1938) AS 3006 L/MIN.

PH.....	6.84		
ALKALINITY.....	158.	AS HCO3	
TOTAL DISSOLVED SOLIDS...	3748.		

ANALYSIS IN MG/L

AG....		CO3.....		LI...	1.0	S....	
AL....		CR.....		MG...	54.	SB...	
AS....		CS..... L 0.1		MN...	0.25		
AU....		CU.....	0.01				
B.....	0.8	F.....	2.6	NA...	840.	SI02.	69.
BE....		FE(TOT). L 0.02		NB...		504..	680.
BR....		GE.....		NI... L 0.02			
CA....	340.	HCO3.....	158.				
CL....	1500.						
CO....		K.....	59.	RB...	0.24	ZN...	0.02

ISOTOPES (0/00)

DEL D OF WATER.....	-126.6
DEL O(18) OF WATER...	-15.81

QUALIFICATION FIELD..... TEMP DECREASES OUTWARD FROM CENTER SPRING TO 64.4C AT EDGE; DISCHARGE IS TOTAL OF ALL SPRINGS.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... TESHIN, VICTOR
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER AND OTHERS, 1977A

RECORD 00205

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BAKER (ABRAHAM OR CRATER) HOT SPRINGS
 WELL/SPRING NUMBER..... 14S-08W-10-D

GEOHERM FILE ID# 0017536

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... JUAB
 GEOLOGIC PROVINCE.. GREAT BASIN
 MAP REFERENCE..... BAKER HOT SPRINGS 112400U
 OTHER LOCALITY INFORMATION: 18 MILES N-NW OF "DELTA".

TOWNSHIP-RANGE

14S 08W 10 S 1/2 OF SE
 66M: SALT LAKE

COORDINATES

LAT/LONG... 39-36.8 N 112-43.7 W
 UTM ZONE... 12
 NORTHING... 4386468.
 351584.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/07/13
 TEMPERATURE (C)..... 0 82.2
 DISCHARGE..... 0 946.3

PERTINENT LITHOLOGY..... FLOOR OF "SEVIER DESERT" ALONG THE EAST SIDE OF A QUATERNARY BASALT FLOW.

OTHER SAMPLE INFORMATION.. SPRINGS ISSUE FROM A 15' HIGH BY SEVERAL HUNDRED FEET DIAMETER TUFA MOUND; DISCHARGE REPORTED BY THOMAS, H.E. (1938) AS 3000 L/MIN.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 5570.
 TOTAL DISSOLVED SOLIDS... 3630.

ANALYSIS IN PPM

AG....		CO3.....		LI...	0.63		
AL....	0.0043	CR..... L 0.0014		MG...	68.		
AS....		CS.....		MN...	0.13		
AU....		CU..... L 0.0014		MO... L 0.00029			
B.....	0.83	F.....	4.1	NA...	816.	SI02.	59.
BE....	L 0.00057	FE(TOT). 0.086		NB...		504..	756.
BI....	L 0.00029	GA..... L 0.0057					
BR....	1.8	GE..... 0.00029		NI... 0.0027			
CA....	345.	HCO3..... 160.		NO3..		TI... 0.0014	
CA+MG.		MG.....		PB... 0.0051			
CD....	L 0.0014	H2S.....		PO4..		V.... L 0.00029	
CL....	1450.	I..... 0.09					
CO....	L 0.0014	K..... 48.		ZN... L 0.0057			

ISOTOPES (0/00)

QUALIFICATION FIELD..... TEMP DECREASES OUTWARD FROM CENTER SPRING TO 64.4C AGE IS TOTAL OF ALL SPRINGS.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00206

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0000745

NAME OF SAMPLE SOURCE... BAKER (ABRAHAM OR CRATER) HOT SPRINGS
 WELL/SPRING NUMBER..... 14S-08W-10-0

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14S 08W 10 S 1/2 OF SE
 STATE..... UTAH 8&M; SALT LAKE
 COUNTY..... JUAB
 GEOLOGIC PROVINCE.. J5
 MAP REFERENCE..... BAKER HOT SPRINGS 1:24000

LAT/LONG... 39-36.8 N 112-43.7 W
 UTM ZONE... 12
 NORTHING... 4386066.
 351347.

OTHER LOCALITY INFORMATION: 18 MILES N-NW OF "DELTA".

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 48.2

DISCHARGE..... 0.946.3

DEPOSITS OR ALTERATION... EXTENSIVE TRAVERTINE MOUND WITH NUMEROUS SMALL SPRINGS AND SEEPS.

PERTINENT LITHOLOGY..... FLOOR OF "SEVIER DESERT" ALONG THE EAST SIDE OF A QUATERNARY BASALT FLOW.

OTHER SAMPLE INFORMATION.. SPRINGS ISSUE FROM A 15' HIGH BY SEVERAL HUNDRED FEET DIAMETER TUFA MOUND; DISCHARGE REPORTED BY THOMAS, H.E. (1938) AS 3000 L/MIN.

WATER ANALYSIS

PH..... 6.48
 ALKALINITY..... 156. AS HCO3
 TOTAL DISSOLVED SOLIDS... 3692.

ANALYSIS IN MG/L

AG....	CO3.....	LI... 1.0	S....
AL.... 0.002	CR.....	MG... 52.	SB...
AS....	CS..... L 0.1	MN... 0.25	
AU....	CU..... 0.03		
B.... 0.86	F..... 2.5	NA... 830.	SI02. 69.
BE....	FE(TOT). 0.26	NB...	SO4.. 680.
BI....	GA.....	NH4.. 0.12	
BR....	GE.....	NI... 0.02	
CA.... 340.	HCO3... 156.		
CA+MG.	HG..... L 0.0001		
CL.... 1500.			
CO....	K..... 57.	RB... 0.26	ZN... 0.06

ISOTOPIES (0/00)

DEL D OF WATER..... -126.3
 DEL O(18) OF WATER... -16.09

GAS ANALYSIS

ANALYSIS IN VOLUME %

CH4.. 0.6
 C2H6. 76.
 CO2.. 21. 02... 0 J.6

ISOTOPIES (00/0)

QUALIFICATION FIELD..... TEMP DECREASES OUTWARD FROM CENTER SPRING TO 64.4C AT EDGE; DISCHARGE IS TOTAL OF ALL SPRINGS. GAS ANAL: O2 = 02 * A M190 A

REFERENCE AND IDENTIFICATION

COMPILED BY..... TESHIN, VICTOR
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER AND OTHERS, 1977A

RECORD 00207

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0017465

NAME OF SAMPLE SOURCE... FISH SPRINGS

WELL/SPRING NUMBER..... 115-14W-23-

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 115 014W 23
 COUNTY..... JUAB 66M; SALT LAKE
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 39-50.5 N 113-23.5 W
 UTM ZONE... +12
 NORTING... 4412749.
 295334.

MAP REFERENCE..... FISH SPRINGS SW 1124000

OTHER LOCALITY INFORMATION: SPRINGS ARE SCATTERED OVER A FOUR SQUARE MILE AREA; UNKNOWN WHICH SPRING THE SAMPLE WAS TAKEN FROM.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/07/12
 TEMPERATURE (C)..... 27.8
 DISCHARGE..... E 283.9

OTHER SAMPLE INFORMATION.. OTHER ORIFICES HAVE COMPARIBLE QUALITY WITH TEMP RAN2C.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 3050.
 TOTAL DISSOLVED SOLIDS... 1820.

ANALYSIS IN PPM

AG....		COJ....		LI...	0.33		
AL....	0.025	CR....	L 0.0014	MG...	26.		
AS....		CS....		MN...	0.0014		
AU....		CU....	L 0.0014	MU...	0.0094		
H....	0.79	F....	2.	NA...	470.	SI02..	20.
BE....	L 0.00057	FE(TQT)..	0.11	NB...		S04..	340.
BI....	L 0.00029	GA....	L 0.0057				
BR....	1.3	GE....	L 0.0029	NI...	0.0025		
CA....	136.	HCO3....	312.	NO3..	N	TI... L	0.00057
CA+MG.		HG....		PB...	L 0.0014	V....	0.001
CD....	L 0.0014	H2S....		PO4..			
CL....	630.	I....	0.02				
CO....	L 0.0014	K....	36.				

ISOTOPES (0/001)

SI02.. 20.
 S04.. 340.
 NI... 0.0025
 NO3.. N
 TI... L 0.00057
 V.... 0.001
 ZN... 0.11

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00208

GEOTHERM FILE ID: 0017224

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LUNT R.
 WELL/SPRING NUMBER..... (C-12- 1112AAC-S1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 125 001W 12 SW OF NE NE
 COUNTY..... JUAB
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SANTAQUIN 1162500

COORDINATES

LAT/LONG... 39-47.29 N 111-52.84 W
 UTM ZONE... +12
 NORTING... 4404277.
 424734.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/07/15
 TEMPERATURE (C)..... 20.
 DISCHARGE..... 4.9 L/MIN

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1690.
 TOTAL DISSOLVED SOLIDS... 962.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG....	27.		
H.....	F.....	NA....		5102.	38.
HA....	FE+3....	NA+K..	232.		
BE....	FE(TOT)..	NB....		504..	81.
CA.... 69.	HCO3..... 222.	NO3...	2.8		
CL.... 368.					

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BJORKLUND, 1967

RECORD 00209

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BADGER, F.

GEO THERM FILE ID: 0017189

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

TOWNSHIP-RANGE

19S 005W 21 SE OF SW

COORDINATES

LAT/LONG... 39- 8.88 N 112-26.34 W
 UTM ZONE... +12
 NORTHING... 4333978.
 375649.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1943/03/02
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 91.
 DISCHARGE..... 303. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER, 1963

RECORD 00210

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHRISTENSEN BROS.

GEO THERM FILE ID: 0017192

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

20S 005W 32

COORDINATES

LAT/LONG... 39- 1.68 N 112-26.64 W
 UTM ZONE... +12
 NORTHING... 4320668.
 375005.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/03/08
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 287.
 DISCHARGE..... 45. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER, 1963

RECORD 00211

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COYOTE N.

GEO THERM FILE ID: 0017304

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 23S 009W 33 NW OF SE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 38-46.38 N 112-51.90 W
 UTM ZONE... +12
 NORTHING... 4293031.
 337981.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/07/00

TEMPERATURE (C)..... 20.

WATER ANALYSIS

PH..... 7.8

CHARGE IMBALANCE (% DIFF)... 0.4

ANALYSIS IN MG/L

AL.....	CR.....	MG... 21.		
H.....	F.....	NA... 96.	SI02.	47.
BE.....	FE(TOT).. 0.07	NB... 45.	S04..	45.
CA... 66.	HCO3.... 218.			
CL... 170.				
CO... ..	K..... 5.8			

ISOTOPIES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00212

GEOThERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COYOTE S.

GEOThERM FILE ID: 0017305

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 24S 009W 04 SE OF SE
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 38-45.72 N 112-52.50 W
 UTM ZONE... +12
 NORTHING... 4291828.
 337087.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/07/00

TEMPERATURE (C)..... 20.

WATER ANALYSIS

PH..... 6.8

CHARGE IMBALANCE (% DIFF)... 0.4

ANALYSIS IN MG/L

AL.....	CR.....	MG... 16.		
B.....	F.....	NA... 75.	SI02.	59.
BE.....	FE(TOT).. 0.37	NB... 38.	S04..	38.
CA... 53.	HCO3.... 164.			
CL... 135.				
CO... ..	K..... 3.6			

ISOTOPIES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00213

GEOThERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COYOTE SPRING

GEOThERM FILE ID: 0017029

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 16S 015W 13 NE OF SE

COORDINATES

LAT/LONG... 39-25.44 N 113-29.22 W
 UTM ZONE... +12

COUNTY..... MILLARD
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1976/01/15
 TEMPERATURE (C)..... 28.0
 DISCHARGE..... 379. L/MIN

NORTHING... 4366573.
 285919.

WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 2000.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00214

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COYOTE SPRING

GEOTHERM FILE ID: 0017028

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 015W 13 NE OF SE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 39-25.44 N 113-29.22 W
 UTM ZONE... +12
 NORTHING... 4366573.
 285919.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/09/19
 TEMPERATURE (C)..... 28.0
 DISCHARGE..... 379. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2400.
 TOTAL DISSOLVED SOLIDS... 1430.
 CHARGE IMBALANCE (% DIFF)... 4.9

ANALYSIS IN MG/L

AL....		CR.....		MG...	38.				
B....	0.61	F.....	1.1	NA...	350.	SI02.	23.		
BE....		FE(TOT).	0.03	NB...		504..	330.		
CA....	71.	HCO3....	266.	NO3..	0.12				
CL....	450.								
CO....		K.....	37.						

ISOTOPIES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00215

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRAFTS, D.

GEOTHERM FILE ID: 0017267

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 007W 22 NW OF NE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-19.50 N 112-37.02 W
 UTM ZONE... +12
 NORTHING... 4353881.
 360617.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/03/06
 TEMPERATURE (C)..... 20.6
 WELL DEPTH (M)..... 137.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00216

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DEVILS RIDGE SPRING
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 22S 006W 34 SE OF NE
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

GEOHERM FILE ID: 0017906

COORDINATES
 LAT/LONG... 38-51.54 N 112-30.72 W
 UTM ZONE... +12
 NORTHING... 4302008.
 368807.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 18.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... DENNIS AND OTHERS, 1946

RECORD 00217

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DMAD IRR
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 16S 005W 19 SE OF SW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

GEOHERM FILE ID: 0017253

COORDINATES
 LAT/LONG... 39-24.60 N 112-27.48 W
 UTM ZONE... +12
 NORTHING... 4363082.
 374475.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/06/02
 TEMPERATURE (C)..... 20.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 325.
 TOTAL DISSOLVED SOLIDS... 280.
 CHARGE IMBALANCE (% DIFF)... 2.8

ANALYSIS IN MG/L

AG....		CO3..... N						
AL....		CR.....		MG... 18.				
B.... 0.08		F..... 0.2		NA... 19.		SI02. 25.		
HE....		FE(TOT) N		NB... 13.		S04.. 13.		
CA.... 26.		HCO3.... 150.		NO3.. 2.9				
CL.... 24.								
CO....		K..... 1.7						

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00218

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DMAD IRR
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 15S 005W 33 SW OF NW

GEOHERM FILE ID: 0017250

COORDINATES
 LAT/LONG... 39-28.08 N 112-24.78 W

STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1962/08/21
 TEMPERATURE (C)..... 21.7

UTM ZONE... +12
 NORTHING... 4369457.
 378450.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 513.
 TOTAL DISSOLVED SOLIDS... 308.
 CHANGE IMBALANCE (% DIFF)... 1.2
 ANALYSIS IN MG/L

AL....		CR.....		MG...	20.		
B.....	0.07	F.....	0.3	NA...	42.	SI02..	26.
HE....		FE(TOT). N		NB...		S04..	56.
CA....	31.	HCO3....	152.	NO3..	3.1		
CL....	52.						
CO....		K.....	2.3				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00219

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DMAD IRR

GEOHERM FILE ID: 0017249

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

15S 005W 33 SW OF NW

COORDINATES

LAT/LONG... 39-28.08 N 112-24.78 W
 UTM ZONE... +12
 NORTHING... 4369457.
 378450.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/09/27
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 251.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 451.
 TOTAL DISSOLVED SOLIDS... 280.
 ANALYSIS IN MG/L

AG....		CO3.... N		MG...	16.		
AL....		CR.....		NA...		SI02..	30.
B.....		F.....		NA+K.	41.	S04..	37.
HA....		FE+3....		NB...			
BE....		FE(TOT).	0.01	NO3..	3.7		
CA....	31.	HCO3....	166.				
CL....	39.						

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GUDE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00220

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017252

NAME OF SAMPLE SOURCE... DMAD IRR
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
 16S 005W 19 SE OF SW

COORDINATES
 LAT/LONG... 39-24.60 N 112-27.48 W
 UTM ZONE... +12
 NORTHING... 4363002.
 374475.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/10/03
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 253.
 DISCHARGE..... 7571.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 322.
 TOTAL DISSOLVED SOLIDS... 202.
 CHARGE IMBALANCE (% DIFF)... 1.9

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	18.		
B....	0.04	F.....	NA...	19.	SI02.	24.
HE....		FE(TOT)...	NB...		S04..	13.
CA....	24.	HCO3.....	NO3..	1.8		
CL....	24.					
CO....		K.....		1.8		

ISOTOPES (O/OD)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00221

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017251

NAME OF SAMPLE SOURCE... DMAD IRR
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
 16S 005W 18 NE OF SW

COORDINATES
 LAT/LONG... 39-25.62 N 112-27.18 W
 UTM ZONE... +12
 NORTHING... 4364961.
 374936.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/07/08
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 285.
 DISCHARGE..... 12113.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 349.
 TOTAL DISSOLVED SOLIDS... 209.

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	14.		
B....	0.26	F.....	NA...	22.	SI02.	24.
HA....		FE+3.....	NA+K.		S04..	14.
HE....		FE(TOT)...	NB...			
CA....	32.	HCO3.....	NO3..	2.6		
CL....	20.					

ISOTOPES (O/OD)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00222

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017262

NAME OF SAMPLE SOURCE... ELLSWORTH, L. B.

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD

TOWNSHIP-RANGE

17S 006W 26 NE OF NW

COORDINATES

LAT/LONG... 39-18.48 N 112-28.98 W
 UTM ZONE... +12
 NORTHING... 4351796.
 372137.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/20
 TEMPERATURE (C)..... 75.
 WELL DEPTH (M)..... 219.
 DISCHARGE..... 4353.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 549.
 TOTAL DISSOLVED SOLIDS... 339.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	12.		
B....	F..... 3.	NA...		SI02.	42.
BA....	FE+3....	NA+K.	80.		
HE....	FE(TOT).	NB...		SO4..	27.
CA.... 22.	HCO3.... 253.	NO3..	0.1		
CL.... 32.					

ISOTOPE (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00223

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017005

NAME OF SAMPLE SOURCE... ELLSWORTH, L. B.

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD

TOWNSHIP-RANGE

16S 008W 21 SW OF SE

COORDINATES

LAT/LONG... 39-24.90 N 112-45.78 W
 UTM ZONE... +12
 NORTHING... 4364105.
 348226.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/03/12
 TEMPERATURE (C)..... 24.4
 WELL DEPTH (M)..... 304.
 DISCHARGE..... 3956. L/MIN

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 3110.
 TOTAL DISSOLVED SOLIDS... 1760.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	11.		

ISOTOPE (0/00)

R.....	F.....	NA...		S102.	41.
BA.....	FE+3....	NA+K..	605.		
HE.....	FE(TOT)..	NB...		S04..	192.
CA.....	28.	MC03....	208.		
CL.....	770.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00224

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017274

NAME OF SAMPLE SOURCE... ELLSWORTH, L. B.

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	16S 008W 21	SW OF SE
STATE.....	UTAH		
COUNTY.....	MILLARD		
GEOLOGIC PROVINCE..			

LAT/LONG...	39-24.96 N 112-45.78 W
UTM ZONE...	+12
NORTHING...	4364216.
	348220.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/11/15
 TEMPERATURE (C)..... 28.9

WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 3110.
 TOTAL DISSOLVED SOLIDS... 1760.

ANALYSIS IN MG/L

AG.....	CO3..... N				
AL.....	CR.....	HG...	13.		
B.....	F.....	NA...		S102.	41.
BA.....	FE+3....	NA+K..	605.		
HE.....	FE(TOT)..	NB...		S04..	192.
CA.....	35.	MC03....	208.		
CL.....	770.				

ISOTOPE (D/HO)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00225

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017231

NAME OF SAMPLE SOURCE... FOOTES RANCH

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	16S 018W 09
STATE.....	UTAH	
COUNTY.....	MILLARD	
GEOLOGIC PROVINCE..		

LAT/LONG...	39-25.92 N 113-52.50 W
UTM ZONE...	+12
NORTHING...	4368454.
	252543.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/00/00
 TEMPERATURE (C)..... 20.0
 DISCHARGE..... 3785. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MEINZER, 1911

RECORD 00226

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GANDY WARM SPRING
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 15S 019W 31 SW OF SE
 COUNTY..... MILLARD

GEOHERM FILE ID: 0017910

COORDINATES
 LAT/LONG... 39-27.84 N 114- 1.98 W
 UTM ZONE... +11
 NORTHING... 4372263.
 755260.

GEOLOGIC PROVINCE
 SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1908/00/00
 TEMPERATURE (C)..... 28.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MEINZER, 1911

RECORD 00227

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GANDY WARM SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 15S 019W 31 SW OF SE
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE...

GEOHERM FILE ID: 0017645

COORDINATES
 LAT/LONG... 39-27.90 N 114- 2.04 W
 UTM ZONE... +11
 NORTHING... 4372371.
 755170.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/03/03
 TEMPERATURE (C)..... 27.
 DISCHARGE..... 17034.

WATER ANALYSIS

pH..... 7.6
 SPECIFIC CONDUCTANCE..... 498.
 TOTAL DISSOLVED SOLIDS... 294.
 CHARGE IMBALANCE (% DIFF)... 1.5

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....		MG... 21.		
B....		F..... 0.7		NA... 28.	SI02. 20.	
BE....		FE (TOT).....		NB... 504..	SO4.. 21.	
CA.... 50.		HCO3..... 278.		NO3.. 3.6		
CL.... 20.						
CO....		K..... 2.7				

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00228

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GANDY WARM SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 15S 019W 31 SW OF SE

GEOHERM FILE ID: 0017646

COORDINATES
 LAT/LONG... 39-27.90 N 114- 2.04 W
 UTM ZONE... +11

COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/07/12
 TEMPERATURE (C)..... 26.5
 DISCHARGE..... 34068.

NORTHING... 4372371.
 755170.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 485.
 TOTAL DISSOLVED SOLIDS... 288.
 CHARGE IMBALANCE (% DIFF)... 2.6
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CH.....	MG...	18.		
B.....	F..... 0.7	NA...	29.	SI02.	21.
HE....	FE(TOT).	NB...		S04..	29.
CA.... 5u.	HCO3.... 250.	NO3..	1.9		
CL.... 26.					
CO....	K..... 3.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00229

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017259

NAME OF SAMPLE SOURCE... GARDNER, J. F. AND R. M.
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 39-20.64 N 112-32.34 W
 UTM ZONE... +12
 NORTHING... 4355872.
 367376.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/05/03
 TEMPERATURE (C)..... 27.8
 WELL DEPTH (M)..... 256.
 DISCHARGE..... 7571.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 379.
 TOTAL DISSOLVED SOLIDS... 230.
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	9.2		
B.....	F.....	NA...		SI02.	29.
BA....	FE+3....	NA+K.	51.		
HE....	FE(TOT).	NB...		S04..	22.
CA.... 15.	HCO3.... 141.	NO3..	1.4		
CL.... 33.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00230

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GOLDEN HARVEY IRR
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 16S 008W 26 NW OF SE LAT/LONG... 39-24.18 N 112-43.20 W
 COUNTY..... MILLARD UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4362702.
 351903.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1959/08/22
 TEMPERATURE (C)..... 26.6
 WELL DEPTH (M)..... 257.
 DISCHARGE..... 5262.
 OTHER SAMPLE INFORMATION.. WELL PERFORATED 502-842

WATER ANALYSIS

PH..... 8.5
 SPECIFIC CONDUCTANCE..... 841.
 TOTAL DISSOLVED SOLIDS... 508.

ANALYSIS IN MG/L

AG....	CO3.....	7.			
AL....	CR.....		MG... 2.9		
R.....	F.....		NA... 30.		
BA....	FE+3....		NA+K. 176.	SI02. 30.	
BE....	FE(TOT)..		NB... 54.		
CA.... 9.6	HCO3.....	230.	NO3... 0.3	S04.. 54.	
CL.... 115.					

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00231

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GOLDEN HARVEY IRR
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 16S 008W 26 NW OF SE LAT/LONG... 39-24.18 N 112-43.20 W
 COUNTY..... MILLARD UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4362702.
 351903.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1963/04/23

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 1050.
 TOTAL DISSOLVED SOLIDS... 607.

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CR.....		MG... 0.8		
R.....	F.....		NA... 29.		
BA....	FE+3....		NA+K. 206.	SI02. 29.	
BE....	FE(TOT)..		NB... 77.		
CA.... 10.	HCO3.....	242.	NO3... 1.1	S04.. 77.	
CL.... 158.					

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00232

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017004

NAME OF SAMPLE SOURCE... HANSEN, D. L.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 165 007W 23 NE OF NW
 STATE..... UTAH
 COUNTY..... MILLARD

LAT/LONG... 39-24.84 N 112-35.76 W
 UTM ZONE... +12
 NORTHING... 4363727.
 362601.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1955/04/13
 TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 91.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 824.
 TOTAL DISSOLVED SOLIDS... 492.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	5.4		
B....	F.....	NA...		SI02.	32.
BA....	FE+3....	NA+K.	154.		
RE....	FE(TOT)..	NB...		S04..	82.
CA.... 11.	HC03.... 192.	NO3...	0.2		
CL.... 112.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00233

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017002

NAME OF SAMPLE SOURCE... HART, C. D.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 185 006W
 STATE..... UTAH
 COUNTY..... MILLARD

LAT/LONG... 39-17.16 N 112-33.72 W
 UTM ZONE... +12
 NORTHING... 4349469.
 365283.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1962/07/03
 TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 172.
 DISCHARGE..... 227. L/MIN

WATER ANALYSIS

PH.....	F.....	NA...		SI02.	32.
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ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00234

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HATTON HOT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 22S 006W 35 NW OF NW
 COUNTY..... MILLARD

COORDINATES

LAT/LONG... 38-51.18 N 112-29.40 W
 UTM ZONE... +12
 NORTHING... 4301311.
 370705.

GEOHERM FILE ID# 0017363

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/08/27
 DISCHARGE..... 95.

WATER ANALYSIS

PH..... 6.5
 SPECIFIC CONDUCTANCE... 7380.
 TOTAL DISSOLVED SOLIDS... 4850.
 ANALYSIS IN MG/L

AL....	CR....	MG...	75.		
HA....	FE+3...	NA+K.	1150.		
HE....	FE(TOT)...	NB...		504..	1040.
CA.... 489.	HCO3.... 484.	NO3..	2.8		
CL.... 1810.					

ISOIOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00235

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HATTON HOT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 22S 006W 35 NW OF NW
 COUNTY..... MILLARD

COORDINATES

LAT/LONG... 38-51.06 N 112-29.16 W
 UTM ZONE... +12
 NORTHING... 4301084.
 371049.

GEOHERM FILE ID# 0017907

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1976/00/00
 TEMPERATURE (C)..... 36.0
 DISCHARGE..... N L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... RUSH, 1977

RECORD 00236

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HATTON HOT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 22S 006W 35 NW OF NW
 COUNTY..... MILLARD

COORDINATES

LAT/LONG... 38-51.12 N 112-29.28 W
 UTM ZONE... +12
 NORTHING... 4301197.
 370877.

GEOHERM FILE ID# 0017903

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/07/00
 TEMPERATURE (C)..... 30.0
 DISCHARGE..... N L/MIN
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... RUSH, 1977

RECORD 00237

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017362

NAME OF SAMPLE SOURCE... HATTON HOT SPRINGS

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 22S 006W 35 NW OF NW
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35
 LAT/LONG... 38-51.18 N 112-29.40 W
 UTM ZONE... +12
 NORTHING... 4301311.
 370705.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/06/19
 TEMPERATURE (C)..... 37.7

WATER ANALYSIS

PH..... 6.7
 SPECIFIC CONDUCTANCE... 7270.
 TOTAL DISSOLVED SOLIDS... 4670.

ANALYSIS IN MG/L

AL....	CR.....	MG...	89.		
B.....	F.....	NA...		SI02.	44.
BA....	FE+3...	NA+K.	1090.		
BE....	FE(TOT).	NB...		SO4..	985.
CA.... 465.	HCO3.... 427.	NO3..	2.4		
CL.... 1780.					

ISOPIPES 10/001**REFERENCE AND IDENTIFICATION**

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00238

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017648

NAME OF SAMPLE SOURCE... HILL, J. O.

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 18S 019W 28 SE OF SE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..
 LAT/LONG... 39-13.38 N 114-00.06 W
 UTM ZONE... +11
 NORTHING... 4345642.
 758902.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/06/00
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 195.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND RUSH, 1965

RECORD 00239

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HILL, J. D.

GEO THERM FILE ID: 0017647

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 18S 019W 20 NW OF NW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.10 N 114- 0.12 W
 UTM ZONE... +11
 NORTHING... 4374683.
 757850.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/10/24
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 171.
 DISCHARGE..... E 284.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND RUSH, 1965

RECORD 00240

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... IBEX 108

GEO THERM FILE ID: 0017041

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 22S 014W 01 SE OF SW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-55.68 N 113-22.38 W
 UTM ZONE... +12
 NORTHING... 4311256.
 294292.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/01/14
 TEMPERATURE (C)..... 16.5
 WELL DEPTH (M)..... 150.

OTHER SAMPLE INFORMATION.. P.01WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1320.
 TOTAL DISSOLVED SOLIDS... 821.
 CHANGE IMBALANCE (% DIFF)... 15.6
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AL....		CR.....	MG... 33.			
B.... 0.34		F..... 1.1	NA... 180.	SI02.	22.	
BE....		FE(TOT).	NB... 0.53	SO4..	200.	
CA.... 17.		HC03.... 297.				
CL.... 170.						
CO....		K..... 19.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00241

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JONES, J. R.

GEO THERM FILE ID: 0017254

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 16S 007W 24 SW OF SE

COORDINATES

LAT/LONG... 39-25.02 N 112-35.46 W

STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1960/05/23
 TEMPERATURE (C)..... 23.3
 WELL DEPTH (M)..... 261.
 DISCHARGE..... 5186.

UTM ZONE... +12
 NORTHING... 4364052.
 363038.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 404.
 TOTAL DISSOLVED SOLIDS... 262.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	4.1		
B....	F.....	NA...		SI02.	32.
BA....	FE+3....	NA+K..	71.		
BE....	FE(TOT)..	NB...		S04..	30.
CA.... 14.	HCO3.... 153.	NO3..	0.3		
CL.... 36.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00242

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JONES, J. R.

GEOHERM FILE ID: 0017255

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

16S 007W 24 SW OF SE

COORDINATES

LAT/LONG... 39-25.02 N 112-35.46 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... MILLARD

NORTHING... 4364052.

GEOLOGIC PROVINCE..

363038.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/28

TEMPERATURE (C)..... 22.7

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 439.
 TOTAL DISSOLVED SOLIDS... 269.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	8.		
B....	F.....	NA...		SI02.	27.
BA....	FE+3....	NA+K..	67.		
BE....	FE(TOT)..	NB...		S04..	38.
CA.... 16.	HCO3.... 149.	NO3..	N		
CL.... 40.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00243

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017230

NAME OF SAMPLE SOURCE... KNOLL SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 185 018W 16 SE OF NE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 39-14.88 N 113-52.62 W
 UTM ZONE... +12
 NORTHING... 4348035.
 251720.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1908/00/00

TEMPERATURE (C)..... 21.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MEINZER, 1911

RECORD 00244

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017261

NAME OF SAMPLE SOURCE... LARSEN, T.

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 175 006W 21 NW OF SE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-22.56 N 112-31.92 W
 UTM ZONE... +12
 NORTHING... 4359414.
 368040.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/03/03

TEMPERATURE (C)..... 20.6

WELL DEPTH (M)..... 128.

DISCHARGE..... 34.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00245

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017900

NAME OF SAMPLE SOURCE... MCBRIDE, N.

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 205 005W 32 NW OF SE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-01.98 N 112-26.28 W
 UTM ZONE... +12
 NORTHING... 4321214.
 375533.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/11/16

TEMPERATURE (C)..... 20.0

WELL DEPTH (M)..... 110.

DISCHARGE..... 25. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 985.

TOTAL DISSOLVED SOLIDS... 553.

ANALYSIS IN MG/L

AL.....

CR.....

MG... 48.

48.

ISOLUPES (0/00)

HA.... FE+3.... NA+K, 77.
 HE.... FE(TOT). NH... 504.. 139.
 CA.... 55. HCO3.... 228. NO3.. 1.0
 CL.... 121.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER, 1963

RECORD 00246

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017534

NAME OF SAMPLE SOURCE... MEADOW HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 225 006W 27 NW OF NW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-51.96 N 112-30.30 W
 UTM ZONE... +12
 NORTHING... 4302775.
 369427.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/22
 TEMPERATURE (C)..... 41.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE... 7130.
 TOTAL DISSOLVED SOLIDS... 4900.
 CHANGE IMBALANCE (% DIFF)... 6.6
 ANALYSIS IN MG/L

ISOTOPIES (O/100)

AG....	CO3....	LI....	3.2		
AL....	CR....	MG....	114.		
B.... 4.	F.... 5.5	NA....	1020.	S102.	47.
HE....	FE(TOT).	NH....		S04..	1130.
HR.... 4.0					
CA.... 433.	HCO3.... 408.	NO3..	1.6		
CL.... 1800.	I.... 0.45				
CO....	K.... 14.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00247

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017301

NAME OF SAMPLE SOURCE... MEADOW HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 225 006W 27 NW OF NW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-51.90 N 112-30.42 W
 UTM ZONE... +12
 NORTHING... 4302667.
 369252.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 33.

WATER ANALYSIS

PH..... 7.1
 CHANGE IMBALANCE (% DIFF)... 3.5
 ANALYSIS IN MG/L

ISOTOPIES (O/100)

AL....	CR.....	MG...	97.		
B.....	F.....	NA...	1005.	SI02.	79.
BE.....	FE(TOT)..	NB...		504..	1020.
CA.....	HCO3.....				
CL.....					
CO.....	K.....				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00248

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000747

NAME OF SAMPLE SOURCE... MEADOW HOT SPRINGS

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... HILLARD
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 38-51.80 N 112-30.00 W
 UTM ZONE... +12
 NORTHING... 4302472.
 369856.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.0
 DISCHARGE..... 226. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1967/05/00
 PH..... 7.5
 CHARGE IMBALANCE (% DIFF)... 6.6

ANALYSIS

AG....	CO3.....	LI...	3.2		
AL....	CR.....	MG...	114.		
B.....	F.....	NA...	1020.	SI02.	47.
BE.....	FE(TOT)..	NB...		504..	1130.
HR.....					
CA.....	HCO3.....				
CL.....	I.....				
CO.....	K.....				

ISOTOPE (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00249

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017533

NAME OF SAMPLE SOURCE... MEADOW HOT SPRINGS

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... HILLARD
 GEOLOGIC PROVINCE..

LAT/LONG... 38-51.90 N 112-30.36 W
 UTM ZONE... +12
 NORTHING... 4302666.
 369339.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/07/00
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... L 0.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... RUSH, 1977

RECORD 00250

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017361

NAME OF SAMPLE SOURCE... MEADOW HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

22S 006W 27 NW OF NW

COORDINATES

LAT/LONG... 38-51.90 N 112-30.30 W
 UTM ZONE... +12
 NORTHING... 4302664.
 369426.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/27
 TEMPERATURE (C)..... 32.2

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 7270.
 TOTAL DISSOLVED SOLIDS... 4850.

ANALYSIS IN MG/L

B.....	F.....	NA...	SI02.	485.
HA.....	FE+3...	NA+K.	1160.	
RE.....	FE(TOT).	NB...	504..	1050.
CA.... 68.	HCO3..... 436.	NO3..	2.8	
CL.... 1820.				

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00251

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017360

NAME OF SAMPLE SOURCE... MEADOW HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

22S 006W 26 SW OF SW

COORDINATES

LAT/LONG... 38-51.90 N 112-30.18 W
 UTM ZONE... +12
 NORTHING... 4302661.
 369599.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/06/18

WATER ANALYSIS

PH..... 7.0
 SPECIFIC CONDUCTANCE..... 7360.
 TOTAL DISSOLVED SOLIDS... 4690.

ANALYSIS IN MG/L

AL.....	CH.....	MG...	88.	
HA.....	FE+3...	NA+K.	1090.	
HE.....	FE(TOT).	NB...	504..	993.
CA.... 470.	HCO3..... 440.	NO3..	2.7	
CL.... 1780.				

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00252

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MEADOW HOT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 22S 006W 26 SW OF SW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

GEOHERM FILE ID: 0017359

COORDINATES

LAT/LONG... 38-51.90 N 112-30.18 W
 UTM ZONE... +12
 NORTHING... 4302661.
 369599.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1943/04/08
 TEMPERATURE (C)..... 35.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 7350.
 TOTAL DISSOLVED SOLIDS... 4810.
 ANALYSIS IN MG/L

B..... F..... 3.9
 BA..... FE+3.....
 HE..... FE(TOT).
 CA..... 95. HCO3..... 452.
 CL..... 1830.

NA... SI02. 464.
 NA+K. 1150.
 NB... SO4... 1040.
 NO3... 2.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00253

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MEADOW, E.
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 22S 006W 25 SE OF SW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

GEOHERM FILE ID: 0017302

COORDINATES

LAT/LONG... 38-52.32 N 112-28.92 W
 UTM ZONE... +12
 NORTHING... 4303408.
 371434.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 24.

WATER ANALYSIS

PH..... 7.0
 CHANGE IMBALANCE (% DIFF)... 5.1
 ANALYSIS IN MG/L

AL..... CR.....
 H..... F.....
 HE..... FE(TOT). 0.6
 CA..... 483. HCO3..... 454.
 CL..... 2000.
 CO..... K..... 168.

MG... 107.
 NA... 1176. SI02. 64.
 NB... SO4... 1400.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00254

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOOBY, R. D.

GEO THERM FILE ID: 0017260

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 17S 06W 18 NW OF SE
 COUNTY..... MILLARD

COORDINATES

LAT/LONG... 39-20.40 N 112-34.02 W
 UTM ZONE... +12
 NORTHING... 4355470.
 364956.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/11/15
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 250.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 448.
 TOTAL DISSOLVED SOLIDS... 292.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	4.9		
R....	F.....	NA...		SI02.	34.
BA....	FE+3....	NA+K.	80.		
BE....	FE(TOT).	NB...		S04..	40.
CA.... 14.	HCO3.... 154.	NO3..	0.1		
CL.... 43.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00255

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NEEL RR

GEO THERM FILE ID: 0017018

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 20S 00W
 COUNTY..... MILLARD

COORDINATES

LAT/LONG... 39-03.00 N 112-46.08 W
 UTM ZONE... +12
 NORTHING... 4323604.
 347005.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

WELL DEPTH (M)..... 426.
 TOTAL DISSOLVED SOLIDS... 3345.

WATER ANALYSIS

AL....	CR.....	MG...	15.		
R....	F.....	NA...		SI02.	370.
BA....	FE+3....	NA+K.	691.		
BE....	FE(TOT).	NB...		S04..	472.
CA.... 197.					
CL.... 1065.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00256

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NEEL HR

GEO THERM FILE ID: 0017017

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD

TOWNSHIP-RANGE

205 008W 29 NE OF NE

COORDINATES

LAT/LONG... 39-03.00 N 112-46.08 W
 UTM ZONE... +12
 NORTHING... 4323604.
 347005.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

WELL DEPTH (M)..... 421.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 3336.

ANALYSIS IN MG/L

AL....	CR.....	MG...	3.		
B.....	F.....	NA...		SI02.	48.
BA....	FE+3....	NA+K.	293.		
BE....	FE(TOT).	NB...		S04..	658.
CA....	284.				
CL....	1065.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00257

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NEEL HR

GEO THERM FILE ID: 0017019

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD

TOWNSHIP-RANGE

205 008W 29 NE OF NE

COORDINATES

LAT/LONG... 39-03.00 N 112-46.08 W
 UTM ZONE... +12
 NORTHING... 4323604.
 347005.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 0

WELL DEPTH (M)..... 602.

DEPOSITS OR ALTERATION.... SILICEOUS MATERIALS HAVE BEEN REPORTED.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 2888.

ANALYSIS IN MG/L

AL....	CR.....	MG...	6.		
B.....	F.....	NA...		SI02.	39.
BA....	FE+3....	NA+K.	552.		
BE....	FE(TOT).	NB...		S04..	458.
CA....	239.				
CL....	863.				

ISOTOPES (0/00)

QUALIFICATION FIELD..... WELL IS KNOWN TO BE HOT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00258

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PAXTON W.A.

GEOHERM FILE ID: 0017902

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD

TOWNSHIP-RANGE

21S 006W 09 NE OF SW

COORDINATES

LAT/LONG... 38-59.88 N 112-31.74 W
 UTM ZONE... +12
 NORTHING... 4317459.
 367591.

GEOLOGIC PROVINCE,
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/03/16
 TEMPERATURE (C)..... 20.6
 WELL DEPTH (M)..... 161.
 DISCHARGE..... 4921. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00259

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PECK, L. C.

GEOHERM FILE ID: 0017256

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... MILLARD

TOWNSHIP-RANGE

16S 008W 12 NW OF NW

COORDINATES

LAT/LONG... 39-26.16 N 112-42.54 W
 UTM ZONE... +12
 NORTHING... 4366346.
 352919.

GEOLOGIC PROVINCE,
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/22
 TEMPERATURE (C)..... 26.6
 WELL DEPTH (M)..... 291.
 DISCHARGE..... 6549.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE... 601.
 TOTAL DISSOLVED SOLIDS... 363.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	1.9		
B....	F.....	NA...		SI02.	32.
BA....	FE+3....	NA+K.	119.		
RE....	FE(TOT).	NB...		SO4..	39.
CA.... 11.	HCO3.... 210.	NO3.. N			
CL.... 57.					

ISOTOPIES (0/100)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00260

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PETERSON, G. M.

GEOHERM FILE ID: 0017268

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 007W 34 NW OF SW
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1963/06/27
 TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 182.
 DISCHARGE..... 19.
 OTHER SAMPLE INFORMATION., OTHER ANALYSES IN BASIC DATA REPORT 9.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

LAT/LONG... 39-17.34 N 112-37.62 W
 UTM ZONE... +12
 NORTHING... 4349901.
 359683.

RECORD 00261

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017003

NAME OF SAMPLE SOURCE... ROHISON, W.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18S 008W 24 NW OF NE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. J5

LAT/LONG... 39-14.40 N 112-41.46 W
 UTM ZONE... +12
 NORTHING... 4344564.
 354961.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/08/02
 TEMPERATURE (C)..... 25.6
 WELL DEPTH (M)..... 183.
 DISCHARGE..... 34. L/MIN

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 3820.
 TOTAL DISSOLVED SOLIDS... 2250.

ANALYSIS IN MG/L

AG.....	CO3.....	N			
AL.....	CR.....		MO... 16.		
B.....	F.....		NA... 791.	SI02. 36.	
BA.....	FE+3.....	0.22	NA+K. 791.		
HE.....	FE(TOT).....	0.22	NB... 387.		
CA... 22.	HCO3.....	288.	NO3.. 2.7	SO4.. 387.	
CL... 850.					

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00262

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017264

NAME OF SAMPLE SOURCE... RUSS, C. K.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 006W 33 SW OF SE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

LAT/LONG... 39-17.70 N 112-32.22 W
 UTM ZONE... +12
 NORTHING... 4350431.
 367456.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/03/04
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 110.
 DISCHARGE..... 7.6
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00263

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017040

NAME OF SAMPLE SOURCE... SKUNK SPRING
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE SE OF NW
 STATE..... UTAH 17S 016W 28
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-17.88 N 113-38.76 W
 UTM ZONE... +12
 NORTHING... 4352977.
 271820.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/20
 TEMPERATURE (C)..... 16.0
 DISCHARGE..... 11. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2700.
 TOTAL DISSOLVED SOLIDS... 1580.
 CHARGE IMBALANCE (% DIFF)... 1.6
 ANALYSIS IN MG/L

ISOTOPIES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	110.		
H....	0.44	F.....	0.7	NA...	170.	SI02.	16.
HE....		FE(TOT)..	0.05	NB...		S04...	270.
CA....	240.	HCO3.....	264.	NO3..	0.43		
CL....	640.						
CO....		K.....	2.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00264

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017263

NAME OF SAMPLE SOURCE... THEOBALD, P.
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE SW OF NE
 STATE..... UTAH 17S 006W 28
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 37-18.66 N 112-31.62 W
 UTM ZONE... +12
 NORTHING... 4130263.
 364681.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/05/08
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 273.
 DISCHARGE..... 6019.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 400.

TOTAL DISSOLVED SOLIDS... 248.

ANALYSIS IN MG/L

AG....		CO3..... N							
AL....		CR.....	MG...	4.4					
B.....	0.07	F.....	NA...		5102.	39.			
BA....		FE+3....	NA+K.	75.					
BE....		FE(TOT)..	NH...		504..	16.			
CA....	8.	HCO3....	NO3..	0.4					
CL....	24.								

ISOTOPE (U/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00265

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TOWN OF DELTA

GEO THERM FILE ID: 0017266

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 17S 007W 01 NW OF NW
 COUNTY..... MILLARD

COORDINATES

LAT/LONG... 39-21.00 N 112-34.62 W
 UTM ZONE... +12
 NORTING... 4356595.
 364113.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/08/20
 TEMPERATURE (C)..... 26.6
 WELL DEPTH (M)..... 264.
 DISCHARGE..... 2233.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 456.
 TOTAL DISSOLVED SOLIDS... 277.

ANALYSIS IN MG/L

AG....		CO3..... N							
AL....		CR.....	MG...	7.1					
B.....		F.....	NA...		5102.	13.			
BA....		FE+3....	NA+K.	75.					
BE....		FE(TOT)..	NH...		504..	44.			
CA....	17.	HCO3....	NO3..	0.5					
CL....	43.								

ISOTOPE (U/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00266

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TOWN OF DELTA

GEO THERM FILE ID: 0017266

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 17S 007W 01 NW OF NW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE... J5

COORDINATES

LAT/LONG... 39-21.48 N 112-34.62 W
 UTM ZONE... +12
 NORTING... 4357483.
 364129.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/08/17

ANALYSIS IN MG/L

AG....		COJ..... N			
AL....		CR.....	MG...	41.	
B.....	0.24	F.....	NA...	201.	
RE....		FE(TOT).	NH...		
CA....	72.	MC03....		504..	2626.
CL....	230.				
CO....		K.....			20.

ISUIOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00269

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TULE, N.

GEOHERM FILE ID: 0017033

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE SE OF NE
 STATE..... UTAH 17S 01SW 10
 COUNTY..... MILLARD

COORDINATES

LAT/LONG... 39-21.09 N 113-30.96 W
 UTM ZONE... +12
 NORTING... 4358595.
 283198.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/09/19
 TEMPERATURE (C)..... 28.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00270

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TULE, S.

GEOHERM FILE ID: 0017036

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE SE OF NE
 STATE..... UTAH 17S 01SW 15
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 39-19.98 N 113-31.08 W
 UTM ZONE... +12
 NORTING... 4356546.
 282968.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/09/19
 TEMPERATURE (C)..... 25.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1750.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00271

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TWIN PEAKS

GEOHERM FILE ID: 0017303

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE SE OF NW
 STATE..... UTAH 23S 008W 23

COORDINATES

LAT/LONG... 38-47.76 N 112-42.90 W
 UTM ZONE... +12

COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 31.

NORTHING... 4295328.
 351061.

WATER ANALYSIS

PH..... 7.36
 CHARGE IMBALANCE (% DIFF)... 0.1
 ANALYSIS IN MG/L

AL....	CR....	MG...	49.		
R....	F....	NA...	1292.	SI02.	100.
HE....	FE(TOT)..	NB...		S04..	300.
CA.... 150.	HCO3....				
CL.... 2050.					
CO....	K....				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00272

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TWIN SPRINGS

GEOTHERM FILE ID: 0017229

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 018W 22 NE OF SW

COORDINATES

LAT/LONG... 39-26.28 N 113-51.00 W
 UTM ZONE... +12
 NORTHING... 4424556.
 256481.

STATE..... UTAH

COUNTY..... MILLARD

GEOLOGIC PROVINCE.. 35

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/15

TEMPERATURE (C)..... 20.0

DISCHARGE..... 6814. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND RUSH, 1965

RECORD 00273

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... U.S. BUREAU OF LAND MANAGEMENT

GEOTHERM FILE ID: 0017190

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19S 005W 31 SE OF SW

COORDINATES

LAT/LONG... 39- 7.20 N 112-28.26 W
 UTM ZONE... +12
 NORTHING... 4330915.
 372833.

STATE..... UTAH

COUNTY..... MILLARD

GEOLOGIC PROVINCE.. 35

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/02/15

TEMPERATURE (C)..... 29.4

WELL DEPTH (M)..... 114.

DISCHARGE..... 16. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUWER, 1963

RECORD 00274

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNION PACIFIC

GEOHERM FILE ID: 0017001

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 18S 00SW 06 SE OF SE
COUNTY..... MILLARD

COORDINATES

LAT/LONG... 39-17.10 N 112-27.54 W
UTM ZONE... +12
NORTHING... 4349210.
374165.GEOLOGIC PROVINCE..
SAMPLE DESCRIPTION AND CONDITIONSDATE/COLLECTOR..... 1961/09/05
TEMPERATURE (C)..... 21.1
WELL DEPTH (M)..... 167.
DISCHARGE..... 11. L/MIN

WATER ANALYSIS

PH..... 7.7
SPECIFIC CONDUCTANCE..... 1500.
TOTAL DISSOLVED SOLIDS... 834.

ANALYSIS IN MG/L

AG.....	CO3.....	N			
AL.....	CR.....		MG... 22.		
B.....	F.....		NA... 5102.	32.	
BA.....	FE+3.....		NA+K. 222.		
BE.....	FE(TOT).....	0.01	NB... 504..	57.	
CA..... 60.	HCO3.....	326.	NO3.. 1.3		
CL..... 280.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... MOWER AND FELTIS, 1964

RECORD 00275

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING

GEOHERM FILE ID: 0017031

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 17S 01SW 10 NE OF NE
COUNTY..... MILLARD
GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 39-21.12 N 113-31.08 W
UTM ZONE... +12
NORTHING... 4358655.
283027.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/04/19
TEMPERATURE (C)..... 27.5

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1600.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... STEPHENS, 1977

RECORD 00276

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING

GEOHERM FILE ID: 0017030

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16S 015W 26 NE OF SW
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1974/09/19
 TEMPERATURE (C)..... 24.5
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 1700.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

LAT/LONG... 39-23.28 N 113-30.48 W
 UTM ZONE... +12
 NORTHING... 4362627.
 284000.

RECORD 00277

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017037

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION

TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 17S 015W 25 SW OF SE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-18.24 N 113-29.40 W
 UTM ZONE... +12
 NORTHING... 4353260.
 285293.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/09/19
 TEMPERATURE (C)..... 27.0

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 2300.

ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00278

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017032

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION

TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 17S 015W 10 NE OF NE
 STATE..... UTAH
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-21.12 N 113-30.78 W
 UTM ZONE... +12
 NORTHING... 4358643.
 283458.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/01/15
 TEMPERATURE (C)..... 27.5

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1500.

ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00279

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING

GEO THERM FILE ID: 0017909

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 22S 006W 25 SE OF SW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 38-52.14 N 112-29.04 W
 UTM ZONE... +12
 NORTHING... 4303078.
 371255.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/00/00
 TEMPERATURE (C)..... 22.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... RUSH, 1977

RECORD 00280

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

GEO THERM FILE ID: 0017535

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 22S 006W 35 NW OF NW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 38-50.88 N 112-29.34 W
 UTM ZONE... +12
 NORTHING... 4300755.
 370783.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/07/00
 TEMPERATURE (C)..... 67.
 WELL DEPTH (M)..... 27.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... RUSH, 1977

RECORD 00281

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

GEO THERM FILE ID: 0017038

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 17S 015W 25 SE OF SW
 COUNTY..... MILLARD
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 39-18.00 N 113-29.40 W
 UTM ZONE... +12
 NORTHING... 4352816.
 285281.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/11/20
 TEMPERATURE (C)..... 31.0
 WELL DEPTH (M)..... 13.

DISCHARGE..... 757. L/MIN

OTHER SAMPLE INFORMATION.. LEVEL 4 FT. BELOW SURFACE

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00282

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... UTLEY AND STARLEY
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 21S 00SW 30 NE OF NW LAT/LONG... 38-51.42 N 112-27.00 W
 COUNTY..... MILLARD UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4312797.
 374360.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1961/03/24
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 274.
 DISCHARGE..... 6435. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER, 1963

RECORD 00283

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... WARM SPRING
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 22S 006W 27 NW OF NW LAT/LONG... 38-51.78 N 112-30.42 W
 COUNTY..... MILLARD UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4302445.
 369248.
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1943/04/08
 TEMPERATURE (C)..... 35.0
 DISCHARGE..... 132. L/MIN
 WATER ANALYSIS
 TOTAL DISSOLVED SOLIDS... 4810.
 ANALYSIS IN MG/L
 AL.... CH..... MG... 95. ISOTOPES (U/100)
 H.... 15. NA+K. 1152.
 HA.... FE+3.... NB... 504.. 1045.
 BE.... FE(TOT). NO3.. 2.
 CA.... 464. HCO3.... 392.
 CL.... 1830.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... DENNIS AND OTHERS, 1946

RECORD 00284

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... WARM SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 15S 019W 31 SW OF SE LAT/LONG... 39-27.84 N 114- 1.98 W
 COUNTY..... MILLARD UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4372263.
 755260.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/11/03
 TEMPERATURE (C)..... 27.2
 DISCHARGE..... 13627. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND RUSH, 1965

RECORD 00285

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILLOW SPRING

GEOTHERM FILE ID: 0017039

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

16S 015W 34

NE OF NW

COORDINATES

LAT/LONG... 39-22.20 N 113-30.78 W

UTM ZONE... +12

NORTHING... 4360641.

283513.

STATE..... UTAH

COUNTY..... MILLARD

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/09/12
 TEMPERATURE (C)..... 19.5

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1900.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1977

RECORD 00286

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILSON, E. V.

GEOTHERM FILE ID: 0017191

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

20S 005W 21

SW OF NW

COORDINATES

LAT/LONG... 39- 3.12 N 112-26.34 W

UTM ZONE... +12

NORTHING... 4323324.

375480.

STATE..... UTAH

COUNTY..... MILLARD

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/02/15
 TEMPERATURE (C)..... 20.0

WELL DEPTH (M)..... 128.

DISCHARGE..... 91. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MOWER, 1963

RECORD 00287

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COVE FORT - SULPHURDALE

GEOTHERM FILE ID: 0000737

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

STATE..... UTAH

COUNTY..... MILLARD (6 BEAVER)

GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-36.00 N 112-33.00 W

UTM ZONE... +12

NORTHING... 4273322.

365023.

WATER ANALYSIS

ANALYSIS

AG.....	CO3.....	LI...	S....	3.6
H.....	F.....	NA...	SI02.	124.
BA.....	FE+3.....	NA+K.		
HE.....	FE(TOT).	NB...	144.	7602.
CA..... 150.			504..	
CL..... 79.				

ISOTOPE (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNEN, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... LEE, 1908

RECORD 00288

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COMO WARM SPRING

GEOTHERM FILE ID: 0017653

LOCATION

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	
STATE.....	UTAH	04N 003W 31	NE OF SW
COUNTY.....	MORGAN		
GEOLOGIC PROVINCE..	37		

COORDINATES

LAT/LONG...	41- 2.34 N 111-39.24 W
UTM ZONE...	+12
NORTHING...	4543080.
	445028.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/05/18
 TEMPERATURE (C)..... 25.
 DISCHARGE..... E 34068.

OTHER SAMPLE INFORMATION.. HEAVY METAL ANALYSIS IN WRB-13

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE... 896.
 TOTAL DISSOLVED SOLIDS... 622.
 CHARGE IMBALANCE (% DIFF)... 1.2

ANALYSIS IN MG/L

AL....	CH.....	MG...	31.		
H.....	F.....	NA...	34.	SI02.	19.
HE.....	FE(TOT).	NB...		S04..	231.
CA.... 109.	HCO3....	NO3..	0.1		
CL.... 28.					
CO....	K.....				

ISOTOPE (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00289

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COMO WARM SPRINGS

GEOTHERM FILE ID: 0017652

WELL/SPRING NUMBER..... (A- 4- 3)JICAB

LOCATION

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	
STATE.....	UTAH	04N 003E 31	NW OF NE SW
COUNTY.....	MORGAN		
GEOLOGIC PROVINCE..			

COORDINATES

LAT/LONG...	41-02.3 N 111-39.24 W
UTM ZONE...	+12
NORTHING...	4543080.
	445028.

MAP REFERENCE... MORGAN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/05/21
 TEMPERATURE (C)..... 26.7

WATER ANALYSIS

PH..... 7.9
 TOTAL DISSOLVED SOLIDS... 648.

ANALYSIS IN MG/L

AL.....	CR.....	MG...	15.		
B.....	F.....	NA...		5102.	1.
BA.....	FE+3...	NA+K.	15.		
HE.....	FE(TOT).	NB...		504..	219.
CA..... 146.	HCO3.....	NO3..	N		
CL..... 6.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SAXON, 1972

RECORD 00290

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... BACCHUS GRAVEL PIT

GEOHEM FILE ID# 0017058

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH

TOWNSHIP-RANGE

025 002W 05 NE OF NE

COORDINATES

LAT/LONG... 40-40.75 N 111-58.22 W
 UTM ZONE... +12
 NORTHING... 4503384.
 417996.

COUNTY..... SALT LAKE

GEOLOGIC PROVINCE.. 35

OTHER LOCALITY INFORMATION: POWDER PLANT 1 MILE UPSLOPE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/04

TEMPERATURE (C)..... 20.0

DISCHARGE..... 114. L/MIN

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE... 2100.
 TOTAL DISSOLVED SOLIDS... 2370.

ANALYSIS IN MG/L

AL.....	CR.....	MG...	105.		
B.....	F.....	NA...		5102.	57.
BA.....	FE+3...	NA+K.	195.		
HE.....	FE(TOT).	NB...		504..	284.
CA..... 363.	HCO3..... 409.	NO3..	856.		
CL..... 310.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00291

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... BARRIOS INC.

GEOHEM FILE ID# 0017069

WELL/SPRING NUMBER..... (D- J- 1)20BAA-1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH

TOWNSHIP-RANGE

03S 001E 20 NE OF NE NW

COORDINATES

LAT/LONG... 40-32.98 N 111-51.8 W
 UTM ZONE... +12
 NORTHING... 4488825.

COUNTY..... SALT LAKE

436749.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... DRAPER 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 23.3
 WELL DEPTH (M)..... 173.
 DISCHARGE..... 1321. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00292

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RECKS HOT SPRING
 WELL/SPRING NUMBER..... (B- 1- 1)140CB-S1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 01N 001W 14 NW OF SW SE LAT/LONG... 40-48.96 N 111-55.08 W
 COUNTY..... SALT LAKE UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4518525.
 422578.

MAP REFERENCE..... SALT LAKE CITY NORTH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1881/00/00

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 12505.

ANALYSIS IN PPM

AL....	CR.....	MG...	110.	<u>ISOTOPES (0/00)</u>	
H.....	F.....	NA...	3755.	SI02.	32.
HE....	FE(TOT).	NH...		S04..	840.
CA.... 694.					
CL.... 6740.					
CO....	K.....				
					197.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... WUNDERFF, 1970

RECORD 00293

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RECKS HOT SPRING
 WELL/SPRING NUMBER..... (B- 1- 1)140CB-S1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 01N 001W 14 NW OF SW SE LAT/LONG... 40-48.96 N 111-55.08 W
 COUNTY..... SALT LAKE UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4518525.
 422578.

MAP REFERENCE..... SALT LAKE CITY NORTH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/08/29

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 19400.

TOTAL DISSOLVED SOLIDS... 13100.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG...	136.		
H.....	F.....	NA...		SI02.	35.
BA....	FE+3....	NA+K.	4100.		
HE....	FE(TOT).	NB...		504..	800.
CA....	HCO3.....		235.		
CL....			7210.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDOORFF, 1970

RECORD 00294

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017300

NAME OF SAMPLE SOURCE... BECKS HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 001W 14 SW OF NW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... SALT LAKE CITY NORTH 1124000

LAT/LONG... 40-48.95 N 111-55.08 W
 UTM ZONE... +12
 NORTHING... 4517201.
 421889.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 55.

WATER ANALYSIS

PH..... 6.1
 ANALYSIS IN MG/L

ISOTOPES (0/001)

AG....	0.04				
AL....		CR.....	MG...	138.	
H.....		F.....	NA...	4380.	40.
HE....		FE(TOT).	NB...	504..	880.
CA....	793.	HCO3.....			
CL....	7900.				
CO....		K.....		206.8	

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00295

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017316

NAME OF SAMPLE SOURCE... BECKS HOT SPRING

WELL/SPRING NUMBER..... (H- 1- 1114DCB-S1)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 001W 14 NW OF SW SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT LAKE CITY NORTH 1124000

LAT/LONG... 40-48.96 N 111-55.08 W
 UTM ZONE... +12
 NORTHING... 4518525.
 422578.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/11/03

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 20500.
 TOTAL DISSOLVED SOLIDS... 13500.
 CHARGE IMBALANCE (% DIFF)... 0.9

ANALYSIS IN PPM

AL....		CR.....		MG...	125.			
H.....		F.....	2.3	NA...	4050.	SI02.	36.	
HE....		FE(TOT).		NB...		S04..	879.	
CA....	720.	HC03....	227.					
CL....	7200.							
CO....		K.....	262.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00296

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017314

NAME OF SAMPLE SOURCE... RECKS HOT SPRING

WELL/SPRING NUMBER..... (B- 1- 1)14DCB-S1

LOCATION

COUNTRY..... UNITED STATES

STATE..... UTAH

COUNTY..... SALT LAKE

GEOLOGIC PROVINCE..

MAP REFERENCE..... SALT LAKE CITY NORTH 1:24000

TOWNSHIP-RANGE

01N 001W 14 NW OF SW SE

COORDINATES

LAT/LONG... 40-48.96 N 111-55.08 W

UTM ZONE... +12

NORTHING... 4518525.

422570.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1942/05/19

WATER ANALYSIS

DATE/ANALYST.....

SALT LAKE CITY CORPORATION

TOTAL DISSOLVED SOLIDS... 13900.

ANALYSIS IN PPM

AL....		CR.....		MG...	134.			
B.....		F.....		NA...	4040.	SI02.	32.	
BE....		FE(TOT).		NB...		S04..	875.	
CA....	653.	HC03....	239.					
CL....	7670.							
CO....		K.....	444.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00297

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017528

NAME OF SAMPLE SOURCE... RECKS HOT SPRING

WELL/SPRING NUMBER..... (B- 1- 1)14DCB-S1

LOCATION

COUNTRY..... UNITED STATES

STATE..... UTAH

COUNTY..... SALT LAKE

GEOLOGIC PROVINCE.. JS

MAP REFERENCE..... SALT LAKE CITY NORTH 1:24000

TOWNSHIP-RANGE

01N 001W 14 NW OF SW SE

COORDINATES

LAT/LONG... 40-48.95 N 111-55.08 W

UTM ZONE... +12

NORTHING... 4518414.

422577.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/07/26

TEMPERATURE (C)..... 55.5

DISCHARGE..... 227.1 L/MIN

PERTINENT LITHOLOGY..... SPRINGS ISSUE FROM NEAR THE CONTACT BETWEEN QUATERNARY VALLEY FILL AND PALEOZOIC

LIMESTONES. THE CONTACT ZONE IS THE WARM SPRINGS FAULT.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE.... 20800.
 TOTAL DISSOLVED SOLIDS... 13900.
 CHARGE IMBALANCE (% DIFF)... 0.8

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....		MG... 131.		
H.... 1.2		F..... 3.3		NA... 4250.	SI02. 32.	
BE....		FE(TQT).		NB... 504..	985.	
CA.... 746.		HCO3.... 221.		NO3.. 0.7		
CL.... 7470.						
CO....		K..... 156.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1968

RECORD 00298

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BECKS HOT SPRING
 WELL/SPRING NUMBER..... (B- 1- 1)14DCB-S1

GEOHERM FILE ID: 0017527

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 001W 14 NW OF SW SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT LAKE CITY NORTH 1:24000

COORDINATES

LAT/LONG... 40-48.95 N 111-55.08 W
 UTM ZONE... +12
 NORTHING... 4518414.
 422577.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/09
 TEMPERATURE (C)..... 54.4

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE.... 21600.
 TOTAL DISSOLVED SOLIDS... 13600.
 CHARGE IMBALANCE (% DIFF)... 1.2

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....		MG... 135.		
H.... 2.		F..... 3.2		NA... 4120.	SI02. 32.	
BE....		FE(TQT).		NB... 504..	927.	
CA.... 738.		HCO3.... 229.		NO3.. 0.6		
CL.... 7310.						
CO....		K..... 198.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00299

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RUNNEVILLE-ON-THE HILL
 WELL/SPRING NUMBER..... (H- 1- 2)21ABB-1

GEOHERM FILE ID: 0017510

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE**
 STATE..... UTAH 01N 002W 21 NW OF NW NE
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT AIR 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1966/05/13
 TEMPERATURE (C)..... 20. AT (M)..... 128.
 WELL DEPTH (M)..... 228.
WATER ANALYSIS
 PH..... 8.3
 SPECIFIC CONDUCTANCE..... 888.
 TOTAL DISSOLVED SOLIDS... 514.
ANALYSIS IN PPM
 AG..... CO3..... 6.
 AL..... CR..... MG... 7.3
 H..... F..... NA... 172. S102. 22.
 HE..... FE(TOT)... NB... S04... 6.5
 CA... 18. HCO3..... 280. NO3... 5.6
 CL... 140.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

ISOTOPES (0/00)

RECORD 00300

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017509

NAME OF SAMPLE SOURCE... BONNEVILLE-ON-THE HILL
 WELL/SPRING NUMBER..... (B- 1- 2)21A88-1

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE**
 STATE..... UTAH 01N 002W 21 NW OF NW NE
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT AIR 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1966/05/16
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 228.
 DISCHARGE..... 27. L/MIN
WATER ANALYSIS
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 5840.
 TOTAL DISSOLVED SOLIDS... 3210.
ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... 64.
 H..... F..... NA... 873. S102. 34.
 HE..... FE(TOT)... NB... S04... 141.
 CA... 247. HCO3..... 124. NO3... 6.4
 CL... 1820.
REFERENCE AND IDENTIFICATION

ISOTOPES (0/00)

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00301

GEOTHERM FILE 101 0017521

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BONNEVILLE-ON-THE HILL
 WELL/SPRING NUMBER..... (C- 1- 2)18CD-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE 01S 002W 01 SE OF SW NW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. J5
 MAP REFERENCE..... SALT AIR 1124000

COORDINATES

LAT/LONG... 40-45.84 N 112-01.2 W
 UTM ZONE... +12
 NORTHING... 4512844.
 414246.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/11
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 126.
 DISCHARGE..... 76. L/MIN

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 4040.
 TOTAL DISSOLVED SOLIDS... 2240.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	95.		
B....	F.....	NA...	604.	5102.	27.
HE....	FE(TOT)...	NH...		504..	94.
CA.... 104.	HCO3..... 122.	NO3..	1.7		
CL.... 1250.					

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1968

RECORD 00302

GEOTHERM FILE 101 0017513

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BONNEVILLE-ON-THE HILL
 WELL/SPRING NUMBER..... (B- 1- 2)210CO-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE 01N 002W 21 SE OF SW SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT AIR 1124000

COORDINATES

LAT/LONG... 40-47.94 N 112-04.1 W
 UTM ZONE... +12
 NORTHING... 4516781.
 409988.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/04/13
 TEMPERATURE (C)..... 22.7
 WELL DEPTH (M)..... 171.
 DISCHARGE..... 83. L/MIN

WATER ANALYSIS

PH..... 7.8

SPECIFIC CONDUCTANCE..... 1280.
 TOTAL DISSOLVED SOLIDS... 738.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N MG... 15.
 AL.... CR..... NA... 228. S102. 46.
 H.... F..... NB... 504.. 0.7
 HE.... FE(TOT).
 CA.... 22. HCO3.... 271. NO3.. 0.8
 CL.... 275.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... WELY AND OTHERS, 1967

RECORD 00303

GEO THERM FILE 101 0017511

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BONNEVILLE-ON-THE HILL
 WELL/SPRING NUMBER..... (B- 1- 2)21ACD-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 002W 21 SE OF SW NE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-48.42 N 112- 4.14 W
 UTM ZONE... +12
 NORTHING... 4517671.
 409831.

MAP REFERENCE..... SALT AIR 1124000
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/05/16
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 183.
 DISCHARGE..... 106. L/MIN
WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1080.
 TOTAL DISSOLVED SOLIDS... 635.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N MG... 5.7
 AL.... CR..... NA... 204. S102. 26.
 H.... F..... NB... 504.. 2.3
 HE.... FE(TOT).
 CA.... 17. HCO3.... 275. NO3.. 0.2
 CL.... 200.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... WELY AND OTHERS, 1967

RECORD 00304

GEO THERM FILE 101 0017508

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BONNEVILLE-ON-THE HILL
 WELL/SPRING NUMBER..... (H- 1- 2)16CAA-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 002W 16 NE OF NE SW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. JS

COORDINATES

LAT/LONG... 40-49.1 N 112-04.5 W
 UTM ZONE... +12
 NORTHING... 4518896.
 409508.

MAP REFERENCE..... SALT AIR 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/08
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 194.
 DISCHARGE..... 102. L/MIN

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 2430.
 TOTAL DISSOLVED SOLIDS... 1320.

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	18.		
H....		F.....	NA...	416.	SI02.	42.
HE....		FE(TOT).	NB...		S04..	23.
CA....	59.	HCO3....	NO3..	0.1		
CL....	664.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00305

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0017512

NAME OF SAMPLE SOURCE... BONNEVILLE-ON-THE HILL

WELL/SPRING NUMBER..... (B- 1- 2)218BB-2

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 002W 21 NW OF NW NW
 STATE..... UTAH
 COUNTY..... SALT LAKE

LAT/LONG... 40-48.7 N 112- 4.80 W
 UTM ZONE... +12
 NORTHING... 4518348.
 408911.

GEOLOGIC PROVINCE..

MAP REFERENCE..... SALT AIR 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/04/13
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 176.
 DISCHARGE..... 98. L/MIN

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1810.
 TOTAL DISSOLVED SOLIDS... 984.

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	17.		
H....		F.....	NA...	315.	SI02.	30.
HE....		FE(TOT).	NB...		S04..	1.7
CA....	36.	HCO3....	NO3..	1.1		
CL....	464.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00306

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017522

NAME OF SAMPLE SOURCE... BONNEVILLE-ON-THE HILL
 WELL/SPRING NUMBER..... (C- 1- 2)2ADC-1
 LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	01S 002W 02	NW OF SE NE
STATE.....	UTAH			
COUNTY.....	SALT LAKE			
GEOLOGIC PROVINCE..	35			
MAP REFERENCE.....	SALTAIR 1124000			

COORDINATES
 LAT/LONG... 40-45.8 N 112-01.7 W
 UTM ZONE... +12
 NORTING... 4512635.
 413146.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/11
 TEMPERATURE (C)..... 26.6
 WELL DEPTH (M)..... 138.
 DISCHARGE..... 76. L/MIN

WATER ANALYSIS

pH..... 7.3
 SPECIFIC CONDUCTANCE..... 6070.
 TOTAL DISSOLVED SOLIDS... 3440.
 ANALYSIS IN PPM

ISOTOPES (0/001)

AG....	CO3..... N				
AL....	CR.....	MG...	88.		
H....	F.....	NA...	945.	SI02..	47.
HE....	FE(TOT)..	NB...		SO4...	133.
CA.... 224.	HCO3..... 104.	NO3...	0.5		
CL.... 1950.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1968

RECORD 00307

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017516

NAME OF SAMPLE SOURCE... BONNEVILLE-ON-THE HILL
 WELL/SPRING NUMBER..... (C- 1- 2)2ABA-2
 LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	01S 002W 02	NE OF NW NE
STATE.....	UTAH			
COUNTY.....	SALT LAKE			
GEOLOGIC PROVINCE..				
MAP REFERENCE.....	SALTAIR 1124000			

COORDINATES
 LAT/LONG... 40-46.1 N 112-01.9 W
 UTM ZONE... +12
 NORTING... 4513191.
 413068.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/04/13
 TEMPERATURE (C)..... 24.4
 WELL DEPTH (M)..... 152.
 DISCHARGE..... 12. L/MIN

WATER ANALYSIS

pH..... 7.8
 SPECIFIC CONDUCTANCE..... 1650.
 TOTAL DISSOLVED SOLIDS... 902.
 ANALYSIS IN PPM

ISOTOPES (0/001)

AG....		CO3..... N				
AL....		CR.....	MG...	23.		
B....		F.....	NA...	263.	SI02.	38.
HE....		FE(TOT).	NB...		S04..	12.
CA....	36.	HCO3.....	NU3..	2.4		
CL....	415.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00308

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0017515

NAME OF SAMPLE SOURCE... BONNEVILLE-ON-THE HILL

WELL/SPRING NUMBER..... (B- 1- 2)27CCA-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 002W 27 NE OF SW SW

LAT/LONG... 40-47.2 N 112- 3.54 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... SALT LAKE

NORTHING... 4516995.

GEOLOGIC PROVINCE.. 35

410666.

MAP REFERENCE..... SALT AIR 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/08/31

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 188.

DISCHARGE..... 110. L/MIN

WATER ANALYSIS

PH..... 7.2

SPECIFIC CONDUCTANCE..... 8030.

TOTAL DISSOLVED SOLIDS... 4400.

ANALYSIS IN PPM

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

AL.... CR.....

B.... F.....

HE.... FE(TOT).

CA.... 218. HCO3..... 112.

CL.... 2580.

MG... 101.

NA... 1320. SI02. 28.

NB... 504.. 95.

NU3.. 0.9

ISOTOPE (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00309

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0017514

NAME OF SAMPLE SOURCE... BONNEVILLE-ON-THE-HILL

WELL/SPRING NUMBER..... (B- 1- 2)22BDB-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 002W 22 NW OF SE NW

LAT/LONG... 40-48.54 N 112- 3.42 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... SALT LAKE

NORTHING... 4517881.

GEOLOGIC PROVINCE..

410845.

MAP REFERENCE..... SALT AIR 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/08
 TEMPERATURE (C)..... 23. AT (M)..... 168.
 WELL DEPTH (M)..... 171.
 DISCHARGE..... 129. L/MIN
 WATER ANALYSIS
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 977.
 TOTAL DISSOLVED SOLIDS..... 572.
 ANALYSIS IN PPM
 AG..... CO3..... M
 AL..... CR.....
 H..... F.....
 BE..... FE(TOT).....
 CA..... 16. HCO3..... 297.
 CL..... 164. MG... 5.8
 NA... 193. SI02. 42.
 NB... 504.. 6.7
 NO3.. 0.4

ISOTOPE (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00310

GEOTHERM FILE ID: 0017494

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CAMP WILLIAMS R.R.
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE... 35
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/07/30
 TEMPERATURE (C)..... 21.
 DISCHARGE..... 114.

COORDINATES
 LAT/LONG... 40-27.48 N 111-55.56 W
 UTM ZONE... 12
 NORTHING... 4478794.
 421485.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 639.
 TOTAL DISSOLVED SOLIDS... 365.
 ANALYSIS IN MG/L
 AL..... CR.....
 H..... F.....
 HE..... FE(TOT).....
 CA..... 65. HCO3..... 250.
 CL..... 57. MG... 23.
 NA... 32. SI02. 24.
 NB... 504.. 40.
 NO3.. 0.8

ISOTOPE (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00311

GEOTHERM FILE ID: 0017354

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRYSTAL HOT SPRINGS
 WELL/SPRING NUMBER... (H- 4- 111)12B-S
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 TOWNSHIP-RANGE
 04S 001W 11.12

COORDINATES

LAT/LONG... 40-29.25 N 111-54.66 W
 UTM ZONE... 12

COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... JORDAN NARROWS 112400

NORTHING... 44824JB.
 423303.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1952/09/10

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1550.

ANALYSIS IN PPM

AL....	CR.....	MG...	32.		
H.....	F..... N	NA...		SI02.	66.
HA....	FE+3....	NA+K.	417.		
HE....	FE(TOT).	NH...		S04..	84.
CA.... 80.	HCO3.... 330.	NO3..	9.6		
CL.... 616.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00312

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRYSTAL HOT SPRINGS
 WELL/SPRING NUMBER..... (C- 4- 1111&12B-5

GEO THERM FILE ID: 0017353

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 001W 11.12
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-29.25 N 111-54.66 W
 UTM ZONE... +12
 NORTHING... 44824JB.
 423303.

MAP REFERENCE..... JORDAN NARROWS 112400

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/07/25

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1300.

ANALYSIS IN PPM

AL....	CR.....	MG...	24.		
H.....	F.....	NA...		SI02.	73.
HA....	FE+3....	NA+K.	224.		
HE....	FE(TOT).	NH...		S04..	72.
CA.... 102.	HCO3.... 146.				
CL.... 560.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00313

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRYSTAL HOT SPRINGS
 WELL/SPRING NUMBER..... (C- 4- 1111&12B-5

GEO THERM FILE ID: 0017352

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 001W 11.12
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-29.25 N 111-54.66 W
 UTM ZONE... +12
 NORTHING... 44824JB.
 423303.

MAP REFERENCE..... JORDAN NARROWS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1882/00/00

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1680.

CHARGE IMBALANCE (% DIFF)... 30.2

ANALYSIS IN PPM

AL....	CR.....	MG...	28.	<u>ISOTOPES (0/00)</u>	
B.....	F.....	NA...	405.	SI02.	28.
BE....	FE(TOT).	NB...		S04..	378.
CA.... 141.	HCO3.... 216.				
CL.... 337.					
CO....	K..... 55.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00314

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRYSTAL HOT SPRINGS

WELL/SPRING NUMBER..... (C- 4- 1)11A0

GEOHERM FILE ID: 0017532

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	045 001W 11	SE OF NE	LAT/LONG...	40-29.25 N 111-54.66 W
STATE.....	UTAH			UTM ZONE...	+12
COUNTY.....	SALT LAKE			NORTHING...	4481999.
GEOLOGIC PROVINCE..					422790.

MAP REFERENCE..... JORDAN NARROWS 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/27

TEMPERATURE (C)..... 32.7

WATER ANALYSIS

PH..... 7.2

SPECIFIC CONDUCTANCE.... 2470.

TOTAL DISSOLVED SOLIDS... 1390.

ANALYSIS IN MG/L

AL....	CR.....	MG...	31.	<u>ISOTOPES (0/00)</u>	
B.....	F.....	NA...		SI02.	50.
BA....	FE+3....	NA+K.	330.	S04..	72.
BE....	FE(TOT).	NB...			
CA.... 142.	HCO3.... 340.	NO3..	4.7		
CL.... 595.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MARINE AND PRICE, 1963

RECORD 00315

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRYSTAL HOT SPRINGS

WELL/SPRING NUMBER..... (C- 4- 1)11A0

GEOHERM FILE ID: 0017531

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	045 001W 11	SE OF NE	LAT/LONG...	40-29.25 N 111-54.66 W
STATE.....	UTAH			UTM ZONE...	+12

COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... JORDAN NARROWS 1124000
 OTHER LOCALITY INFORMATION: 20 MILES SOUTH OF SALT LAKE CITY.

NORTHING... 4481999.
 422790.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1934/05/22
 TEMPERATURE (C)..... 58.3

PERTINENT LITHOLOGY..... SPRINGS ISSUE FROM UNCONSOLIDATED VALLEY FILL UNDERLAIN BY TERTIARY VOLCANICS.

WATER ANALYSIS

PH..... 7.6
 TOTAL DISSOLVED SOLIDS... 1665.

ANALYSIS IN PPM

AL....	CR.....	MG...	25.	<u>ISOTOPES (U/DWL)</u>	
H.....	F.....	NA...		SI02.	60.
HA....	FE+3....	NA+K.	304.	S04..	97.
HE....	FE(TOT)..	NB...			
CA.... 106.	MC03.... 285.				
CL.... 598.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE AND PRICE, 1963

RECORD 00316

GEOTERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DRAPER IRRIGATION

GEOTERM FILE ID: 0017505

WELL/SPRING NUMBER..... (D-3-1)29CBC-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03S 001E 29 SW OF NW SW

COORDINATES

LAT/LONG... 40-31.62 N 111-52.1 W
 UTM ZONE... +12
 NORTHING... 4486403.
 426478.

STATE..... UTAH

COUNTY..... SALT LAKE

GEOLOGIC PROVINCE.. 35

MAP REFERENCE..... DRAPER 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/11/25

TEMPERATURE (C)..... 25.5

WELL DEPTH (M)..... 84.

DISCHARGE..... 1325. L/MIN

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE... 810.

TOTAL DISSOLVED SOLIDS... 486.

CHARGE IMBALANCE (% DIFF)... 2.7

ANALYSIS IN PPM

AG....	CO3..... N	<u>ISOTOPES (O/DWL)</u>			
AL....	CR.....	MG...	11.		
H..... 0.13	F.....	NA...	105.	SI02.	27.
HE....	FE(TOT)..	NB...		S04..	68.
CA.... 51.	MC03.... 226.	NO3..	6.		
CL.... 107.					
CO....	K..... 15.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... TORNS AND OTHERS, 1966A

RECORD 00317

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017518

NAME OF SAMPLE SOURCE... DRAPER IRRIGATION CO.

WELL/SPRING NUMBER..... (D- 3- 1120C00-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03S 001E 20 SE OF SE SW

STATE..... UTAH

COUNTY..... SALT LAKE

GEOLOGIC PROVINCE..

MAP REFERENCE..... DRAPER 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/03

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 155.

WATER ANALYSIS

PH..... 8.1

SPECIFIC CONDUCTANCE..... 1470.

TOTAL DISSOLVED SOLIDS... 885.

ANALYSIS IN PPM

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

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

H..... F..... MG... 22.

HE..... FE(TOT)... NA... 238. S102. 18.

CA... 42. HCO3..... 243. NH... S04... 147.

CL... 254.

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... HELY AND OTHERS, 1967

RECORD 00318

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017055

NAME OF SAMPLE SOURCE... E. JORDAN CANAL CO.

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03S 001W 23 SW OF SE

STATE..... UTAH

COUNTY..... SALT LAKE

GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-58.62 N 110-59.92 W

UTM ZONE... +12

NORTHING... 4314016.

500115.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/07/30

TEMPERATURE (C)..... 22.7

WATER ANALYSIS

PH..... 7.5

SPECIFIC CONDUCTANCE..... 696.

TOTAL DISSOLVED SOLIDS... 393.

ANALYSIS IN MG/L

AL..... CR..... MG... 25.

H..... F..... NA... S102. 23.

HA... FE+3... NA+K... 40.

HE... FE(TOT)... NH... S04... 52.

CA... 64. HCO3..... 249. NO3... 0.8

ISOTOPES (0/001)

CL... 66.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00319

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... FOX, L. GEOTHERM FILE ID: 0017048
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 002W 12 NE OF NW **COORDINATES**
 STATE..... UTAH LAT/LONG... 40-44.70 N 112- 0.36 W
 COUNTY..... SALT LAKE UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4510726.
 415066.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1931/10/08
 TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 125.
 DISCHARGE..... 79. L/MIN

REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00320

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... GILLMORE, C. F. & E. L. GEOTHERM FILE ID: 0017476
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 001W 05 NW OF NW **COORDINATES**
 STATE..... UTAH LAT/LONG... 40-50.52 N 111-58.02 W
 COUNTY..... SALT LAKE UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4521456.
 418477.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/08/26
 WELL DEPTH (M)..... 305.
 DISCHARGE..... 568.

WATER ANALYSIS
 PH..... 7.4
 SPECIFIC CONDUCTANCE... 1980.
 TOTAL DISSOLVED SOLIDS... 1080.
ANALYSIS IN MG/L

ISOTOPES (0/00)

AL....	CR.....	MG... 11.			
H....	F.....	NA... 328.	S102.	63.	
HE....	FE(TOT).	NB... 504..	S04..	3.7	
CA.... 59.	HC03.... 220.	NO3.. 0.7			
CL.... 510.					

REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00321

GEOTHERM SAMPLE FILE GEOTHERM FILE ID: 0017064

NAME OF SAMPLE SOURCE... GILLMORE, C. F.
 WELL/SPRING NUMBER..... (H- 1- 2)25CDA-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 002W 25 NE OF SE SW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT AIR 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES
 LAT/LONG... 40-47.5 N 112-00.5 W
 UTM ZONE... +12
 NORTHING... 4515218.
 423893.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/08/31
 TEMPERATURE (C)..... 25.0
 DISCHARGE..... 3.8 L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1890.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TORNS AND OTHERS, 1966B

RECORD 00322

GEOTHERM FILE ID: 0017065

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GILLMORE, C. F.
 WELL/SPRING NUMBER..... (H- 1- 2)25CDA-5
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 002W 25 NE OF SE SW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... SALT AIR 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES
 LAT/LONG... 40-47.5 N 112-00.5 W
 UTM ZONE... +12
 NORTHING... 4515218.
 423893.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/02/17
 TEMPERATURE (C)..... 25.
 DISCHARGE..... 4.5 L/MIN

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 1890.
 TOTAL DISSOLVED SOLIDS... 1010.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	Mg...	29.		
H....	F.....	NA...		SI02.	23.
HA....	FE+3....	NA+K.	297.		
HE....	FE(TOT)..	NH...		S04..	3.3
CA.... 49.	HCO3.... 184.	NO3..	0.2		
CL.... 518.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TORNS AND OTHERS, 1966B

RECORD 00323

GEOTHERM FILE ID: 0017475

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GILLMURE, C. F. & E. L.
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35

COORDINATES
 LAT/LONG... 40-50.52 N 111-58.02 W
 UTM ZONE... +12
 NORTHING... 4521456.
 418477.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1932/09/27
 TEMPERATURE (C)..... 28.5
 WELL DEPTH (M)..... 305.
 DISCHARGE..... 454.

OTHER SAMPLE INFORMATION.. SAME AS WELL 5000 3 IN WSP-1029. METHANE GAS

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1155.

ISOIOPES (0/001)

ANALYSIS IN MG/L

AL....	CR.....	MG... 14.	SI02. 64.
H.....	F..... 1.3	NA... 504..	1.6
HE....	FE(TOT). 0.04	NB...	
CA.... 62.	HCO3.... 214.		
CL.... 535.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00324

GEOTHERM FILE ID: 0017045

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GRANGER HUNTER IMPROVEMENT DIST.
 LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35

COORDINATES
 LAT/LONG... 40-47.22 N 111-56.88 W
 UTM ZONE... +12
 NORTHING... 4515333.
 420413.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/18
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 35.
 DISCHARGE..... 1616. L/MIN

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 721.
 TOTAL DISSOLVED SOLIDS... 452.

ISOIOPES (0/001)

ANALYSIS IN MG/L

AL....	CR.....	MG... 17.	SI02. 23.
H.....	F.....	NA... 73.	504.. 134.
HA....	FE+3....	NB...	
HE....	FE(TOT). 173.	NO3.. 0.1	
CA.... 57.	HCO3....		
CL.... 63.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00325

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GRANGER-HUNTER IMPROVEMENT DIST.
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 01S 001W 27 NW-OF NW
 COUNTY..... SALT LAKE

COORDINATES

LAT/LONG... 40-41.94 N 111-55.68 W
 UTM ZONE... +12
 NORTHING... 4505547.
 421597.

GEOOTHERM FILE ID: 0017490

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/13
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 236.
 DISCHARGE..... 1616.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 736.
 TOTAL DISSOLVED SOLIDS... 470.

ANALYSIS IN MG/L

AL....	CR.....	MG...	15.	<u>ISOLOPES (0/00)</u>	
H....	F.....	NA...	84.	SI02.	25.
HE....	FE(TOT).	NB...		S04..	131.
CA.... 55.	HCO3..... 175.	NO3..	0.2		
CL.... 74.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00326

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GRANGER-HUNTER IMPROVEMENT DIST.
 WELL/SPRING NUMBER..... (C- 1- 1120HDD-1)
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 01S 001W 20 SE OF SE NW
 COUNTY..... SALT LAKE

COORDINATES

LAT/LONG... 40-43.14 N 111-58.6 W
 UTM ZONE... +12
 NORTHING... 4507811.
 417566.

GEOOTHERM FILE ID: 0017507

GEOLOGIC PROVINCE..

MAP REFERENCE..... SALT LAKE CITY SOUTH 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/04/08
 TEMPERATURE (C)..... 23.3
 WELL DEPTH (M)..... 279.
 DISCHARGE..... 5299. L/MIN

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 628.
 TOTAL DISSOLVED SOLIDS... 393.

ANALYSIS IN PPM

AG....	CO3..... N	MG...	13.	<u>ISOLOPES (0/00)</u>	
AL....	CR.....	NA...	84.	SI02.	29.
H.... 0.08	F..... 0.5	NA+K.		S04..	103.
HA....	FE+3...	NB...			
HE....	FE(TOT).				

CA.... 32. HCO3.... 146. NO3.. 0.1
 CL.... 63.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TORNS AND OTHERS, 1966B

RECORD 00327

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017057

NAME OF SAMPLE SOURCE... GRAVEL PIT

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 02S 001W 04 SE OF NW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

LAT/LONG... 40-40.30 N 111-50.50 W
 UTM ZONE... +12
 NORTHING... 4502439.
 428862.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/09/10

TEMPERATURE (C)..... 20.0

DISCHARGE..... 227. L/MIN

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 2200.
 TOTAL DISSOLVED SOLIDS... 1410.

ANALYSIS IN MG/L

AL....	CR.....	MG...	71.		
R....	F.....	NA...		5102.	23.
BA....	FE+3...	NA+K.	276.		
HE....	FE(TOT).	NB...		504..	401.
CA.... 123.	HCO3.... 409.	NO3..	5.5		
CL.... 312.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00328

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017053

NAME OF SAMPLE SOURCE... HARRISON, A. W.

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 03S 001W 12 SW OF SW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

LAT/LONG... 40-33.96 N 111-54.60 W
 UTM ZONE... +12
 NORTHING... 4490767.
 422965.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/11/10

TEMPERATURE (C)..... 20.6

WELL DEPTH (M)..... 36.

DISCHARGE..... 9.1 L/MIN

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 909.
 TOTAL DISSOLVED SOLIDS... 564.

ANALYSIS IN MG/L

AL....	CR.....	MG...	8.
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ISOTOPES (0/00)

H.....	F.....	NA...	S102.	31.
HA.....	FE+3.....	NA+K.	126.	
HE.....	FE(TOT).....	NB...	S04..	98.
CA..... 63.	HCO3..... 287.	NO3...	1.2	
CL..... 120.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00329

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017493

NAME OF SAMPLE SOURCE... HARRISON, A. W.
 WELL/SPRING NUMBER..... (C- 3- 1)12CCH-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 03S 001W 12 NW OF SW SW
 STATE..... UTAH
 COUNTY..... SALT LAKE

LAT/LONG... 40-34.1 N 111-54.5 W
 UTM ZONE... +12
 NORTHING... 4490873.
 423474.

GEOLOGIC PROVINCE...
 MAP REFERENCE..... MIDVALE 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/07/08
 TEMPERATURE (C)..... 20.5
 WELL DEPTH (M)..... 36.
 DISCHARGE..... 33. L/MIN

HAIR ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 905.
 TOTAL DISSOLVED SOLIDS... 578.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....	CO3..... N			
AL.....	CR.....	MG...	32.	
H.....	F.....	NA...	S102.	32.
HA.....	FE+3.....	NA+K.	86.	
HE.....	FE(TOT).....	NB...	S04..	106.
CA..... 62.	HCO3..... 234.	NO3...	0.3	
CL..... 120.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... JOHNS AND OTHERS, 1966A

RECORD 00330

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017060

NAME OF SAMPLE SOURCE... IRVINE, R. L.
 WELL/SPRING NUMBER..... (H- 1- 2)20AC-2

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 002W 02 SW OF NE SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE... 35

LAT/LONG... 40-50.77 N 112-01.7 W
 UTM ZONE... +12
 NORTHING... 4521871.
 422936.

MAP REFERENCE..... SALT AIR 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/07/07
 TEMPERATURE (C)..... 26.6
 WELL DEPTH (M)..... 165.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 836.
 TOTAL DISSOLVED SOLIDS... 478.

ANALYSIS IN PPM

AG....	CO3..... N				
BA....	FE+3.....	NA+K.	169.		
BE....	FE(TOT).	NB...		504..	12.
CA....	HCO3.... 260.	NO3..	0.1		
CL....	138.				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TORNS AND OTHERS, 1966A

RECORD 00331

GEOCHEM SAMPLE FILE

GEOCHEM FILE ID: 0017059

NAME OF SAMPLE SOURCE... IRVINE, R. L.
 WELL/SPRING NUMBER..... (B- 1- 2)2UAC-2

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	01N 002W 02	SW OF NE SE	LAT/LONG...	40-50.77 N 112-01.7 W
STATE.....	UTAH			UTM ZONE...	+12
COUNTY.....	SALT LAKE			NORTHING...	4521871.
GEOLOGIC PROVINCE..					422936.
MAP REFERENCE.....	SALTAIR 1124000				

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATESAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/02/26
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 165.

OTHER SAMPLE INFORMATION.. OTHER ANALYSIS IN UTAH DEPT. WATER RESOURCES BASIC DATA REPORT 13.WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 830.
 TOTAL DISSOLVED SOLIDS... 485.

ANALYSIS IN PPM

AG....	CO3..... N				
BA....	FE+3.....	NA+K.	166.		
BE....	FE(TOT).	NB...		504..	1.9
CA....	HCO3.... 261.				
CL....	144.				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TORNS AND OTHERS, 1966A

RECORD 00332

GEOCHEM SAMPLE FILE

GEOCHEM FILE ID: 0017063

NAME OF SAMPLE SOURCE... IRVINE, R. L.
 WELL/SPRING NUMBER..... (B- 1- 2)2UAC-1

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** SW OF NE SE
 STATE..... UTAH 01N 002W 02
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT AIR 1124000
COORDINATES
 LAT/LONG... 40-50.77 N 112-01.7 W
 UTM ZONE... +12
 NORTHING... 4521871.
 422936.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1965/09/10
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 134.
 DISCHARGE..... 1.5 L/MIN
WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 855.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TORNS AND OTHERS, 1966B

RECORD 00333

GEO THERM SAMPLE FILE **GEO THERM FILE 101 0017061**
 NAME OF SAMPLE SOURCE... JEREMY E. J.
 WELL/SPRING NUMBER..... (B- 1- 2)368AA-1

LOCATION **TOWNSHIP-RANGE** NE OF NE NW **COORDINATES**
 COUNTRY..... UNITED STATES 01N 002W 36
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT AIR 1124000
COORDINATES
 LAT/LONG... 40-46.98 N 112-00.94 W
 UTM ZONE... +12
 NORTHING... 4514830.
 423889.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1964/02/26
 TEMPERATURE (C)..... 27.2
 WELL DEPTH (M)..... 141.
 DISCHARGE..... 16. L/MIN
WATER ANALYSIS
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 6160.
 TOTAL DISSOLVED SOLIDS... 3320.
ANALYSIS IN PPM **ISOTOPES (0/001)**
 AG..... CO3..... N
 HA..... FE+3..... NA+K. 1070.
 HE..... FE(TOT). NB... 504.. 53.
 CA..... HCO3..... 168. NO3.. 7.2
 CL..... 2050.

QUALIFICATION FIELD..... OTHER TEMPERATURES 27.2, 27.8, 28.3
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TORNS AND OTHERS, 1966A

RECORD 00334

GEO THERM SAMPLE FILE **GEO THERM FILE 101 0017482**
 NAME OF SAMPLE SOURCE... JEREMY, E. J.
LOCATION **TOWNSHIP-RANGE** **COORDINATES**

COUNTRY..... UNITED STATES 01N 002W 36 NE OF SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 40-47.10 N 112- 0.90 W
 UTM ZONE... +12
 NORTHING... 4515175.
 414357.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/10/18
 TEMPERATURE (C)..... 28.5
 WELL DEPTH (M)..... 141.
 DISCHARGE..... 110.

OTHER SAMPLE INFORMATION.. OTHER ANALYSIS IN BD-11

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE.... 6040.
 TOTAL DISSOLVED SOLIDS... 3420.
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AL....	CR.....	MG... 58.			
B....	F.....	NA... 1020.	S102.	41.	
HE....	FE(TOT).	NB... 504..	S04..	57.	
CA.... 200.	HC03.... 180.	NO3.. 1.2			
CL.... 1950.					

OTHER ANALYTICAL DATA... METHANE GAS

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00335

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017480

NAME OF SAMPLE SOURCE... JEREMY, E. J.

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 001W 19 NE OF SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

LAT/LONG... 40-48.78 N 111-59.94 W
 UTM ZONE... +12
 NORTHING... 4518267.
 415743.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1931/11/13
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 197.
 DISCHARGE..... 220.

WATER ANALYSISANALYSIS IN MG/LISOTOPES (0/00)

HE....	FE(TOT).	NB... 504..	2.		
CA....	HC03.... 282.				
CL.... 405.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00336

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017478

NAME OF SAMPLE SOURCE... JEREMY, E. J.

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 001W 19 NE OF SE

LAT/LONG... 40-48.78 N 111-59.70 W

STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1931/11/13
 TEMPERATURE (C)..... 22.5
 WELL DEPTH (M)..... 197.
 DISCHARGE..... 64.

UTM ZONE... +12
 NORTHING... 4518263.
 416080.

WATER ANALYSIS
 ANALYSIS IN MG/L

HE....	FE(TOT).....	NB....	S04..	2.	ISOLOPES (0/00)
CA....	HCO3....				
CA+MG. 345.					

OTHER ANALYTICAL DATA... METHANE GAS
 REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00337

 GEOTHERM SAMPLE FILE

 GEOTHERM FILE ID: 0017483

NAME OF SAMPLE SOURCE... JEREMY, E. J.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 002W 36 NE OF SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

LAT/LONG... 40-47.10 N 112- 0.90 W
 UTM ZONE... +12
 NORTHING... 4515175.
 414357.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/19
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 141.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE... 6290.
 TOTAL DISSOLVED SOLIDS... 3530.

ANALYSIS IN MG/L

AL....	CR.....	MG...	56.	ISOLOPES (0/00)
AS....	CS.....			
H....	F.....			
HE....	FE(TOT).....	NA...	1060. S102. 48.	
CA....	HCO3....	NB...	S04.. 52.	
CL....				
205.	166.			
2020.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00338

 GEOTHERM SAMPLE FILE

 GEOTHERM FILE ID: 0017481

NAME OF SAMPLE SOURCE... JEREMY, E. J.

WELL/SPRING NUMBER..... (H- 1- 1)19BAB-1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01N 001W 19 NW OF NE NW
 STATE..... UTAH

LAT/LONG... 40-48.7 N 111-59.94 W
 UTM ZONE... +12

NORTHING... 4518267.
415743.

COUNTY..... SALT LAKE
GEOLOGIC PROVINCE..
MAP REFERENCE..... SALT LAKE CITY NORTH 1124000
OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/02/18
TEMPERATURE (C)..... 24.4
WELL DEPTH (M)..... 137.
DISCHARGE..... 76. L/MIN

WATER ANALYSIS

PH..... 7.4
SPECIFIC CONDUCTANCE..... 1590.
TOTAL DISSOLVED SOLIDS... 890.

ANALYSIS IN PPMISOTOPIES (0/001)

AG....	CO3..... N				
AL....	CR.....	MG...	18.		
B....	F.....	NA...		SI02.	25.
BA....	FE+3.....	NA+K.	274.		
BE....	FE(TOT)...	NB...		S04..	3.3
CA.... 32.	HCO3..... 256.	NO3.. N			
CL.... 382.					

OTHER ANALYTICAL DATA... METHANE GAS

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... TORNS AND OTHERS, 1966B

RECORD 00339

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017479

NAME OF SAMPLE SOURCE... JEREMY, E. J.
WELL/SPRING NUMBER..... (B- 1- 1119BAA-5)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 001W 19 NE OF NE NW
STATE..... UTAH
COUNTY..... SALT LAKE
GEOLOGIC PROVINCE..
MAP REFERENCE..... SALT LAKE CITY NORTH 1124000
OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

LAT/LONG... 40-48.7 N 111-59.70 W
UTM ZONE... 12
NORTHING... 4518263.
416080.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/09/08
TEMPERATURE (C)..... 20.
WELL DEPTH (M)..... 197.
DISCHARGE..... 6.1 L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1460.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... TORNS AND OTHERS, 1966B

RECORD 00340

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017062

NAME OF SAMPLE SOURCE... KENNECOTT COPPER
WELL/SPRING NUMBER..... (C- 1- 1119CAA-1)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE **COORDINATES**
 STATE..... UTAH 01S 001W 19 NE OF NE SW LAT/LONG... 40-43.05 N 111-59.76 W
 COUNTY..... SALT LAKE UTM ZONE... +12-
 GEOLOGIC PROVINCE.. NORTHING... 4507523.
 MAP REFERENCE..... SALT LAKE CITY SOUTH 1124000 425490.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1964/06/16
 TEMPERATURE (C)..... 0 24.4
 WELL DEPTH (M)..... 366.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 1290.
 TOTAL DISSOLVED SOLIDS... 790.

ANALYSIS IN PPM

AG.... CO3..... 2. ISOTOPES (0/00)
 AL.... CR..... MG... 13.
 HE.... FE(TOT)... 0.37
 CA.... 42. HCO3.... 162.
 CL.... 254.

QUALIFICATION FIELD..... OTHER TEMPERATURES 25.0 AND 23.9 IN UTAH DEPT. WATER RESOURCES BASIC DATA REPORT 13.
REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... IORNS AND OTHERS, 1966A

RECORD 00341

GEOTHERM FILE ID: 0017504

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KENNECOTT COPPER
 WELL/SPRING NUMBER..... (C- 1- 3)158CA-2

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE **COORDINATES**
 STATE..... UTAH 01S 003W 15 NE OF SW NW LAT/LONG... 40-44.16 N 112-10.3 W
 COUNTY..... SALT LAKE UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4509904.
 MAP REFERENCE..... FARNSWORTH PEAK 1124000 400784.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/02/23
 TEMPERATURE (C)..... 27.2

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 18100.
 TOTAL DISSOLVED SOLIDS... 10900.

ANALYSIS IN MG/L

AG.... CO3..... N ISOTOPES (0/00)
 AL.... CR..... MG... 166.
 B.... F..... NA... 3560. S102. 19.
 HE.... FE(TOT)... NB... S04.. 247.
 CA.... 398. HCO3.... 275. NU3... 1.7
 CL.... 6330.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1968

RECORD 00342

GEOTHERM FILE ID: 0017502

GEOTHERM SAMPLE FILENAME OF SAMPLE SOURCE... KENNECOTT COPPER
WELL/SPRING NUMBER..... (C- 1- 2)240BA-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 002W 24 NE OF NW SE
STATE..... UTAH
COUNTY..... SALT LAKE
GEOLOGIC PROVINCE..
MAP REFERENCE..... MAGNA 1:24000

COORDINATES

LAT/LONG... 40-43.02 N 112- 0.60 W
UTM ZONE... +12
NORTHING... 4507621.
414692.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/08/18
TEMPERATURE (C)..... 22.7
WELL DEPTH (M)..... 256.
DISCHARGE..... 11810. L/MIN

WATER ANALYSIS

PH..... 7.8
SPECIFIC CONDUCTANCE..... 2630.
TOTAL DISSOLVED SOLIDS... 1550.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3.... N
AL.... CH.... HG... 29.
H.... F.... NA... SI02. 53.
NA.... FE+3... NA+K. 450.
RE.... FE(TOT). NB... SO4.. 205.
CA.... 72. HCO3.... 168. NO3.. 0.1
CL.... 658.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... JORNS AND OTHERS, 1966A

RECORD 00343

GEOTHERM FILE ID: 0017524

GEOTHERM SAMPLE FILENAME OF SAMPLE SOURCE... KENNECOTT COPPER
WELL/SPRING NUMBER..... (C- 1- 3)158DA-2

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 003W 15 NE OF SE NW
STATE..... UTAH
COUNTY..... SALT LAKE
GEOLOGIC PROVINCE..
MAP REFERENCE..... FARNSWORTH PEAK 1:24000

COORDINATES

LAT/LONG... 40-44.17 N 112-10.11 W
UTM ZONE... +12
NORTHING... 4509788.
401129.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/04/17
TEMPERATURE (C)..... 21.6
WELL DEPTH (M)..... 213.
DISCHARGE..... 12870. L/MIN

WATER ANALYSIS

PH..... 7.5
SPECIFIC CONDUCTANCE..... 11600.
TOTAL DISSOLVED SOLIDS... 6930.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3.... N

AL....		CR.....		MG...	152.		
B.....	0.44	F.....	1.7	NA...	2150.	SI02.	16.
HE.....		FE(TOT).		NB...		SO4..	380.
CA.....	280.	HCO3....	315.	NO3..	2.2		
CL.....	3790.						

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1968

RECORD 00344

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017520

NAME OF SAMPLE SOURCE... KENNECOTT COPPER
 WELL/SPRING NUMBER..... (C- 1- 2)17ADC-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01S 002W 17 SW OF SE. NE
 STATE..... UTAH
 COUNTY..... SALT LAKE

LAT/LONG... 40-19.98 N 112- 5.10 W
 UTM ZONE... +12
 NORTHING... 4465072.
 407833.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... MAGNA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/04/26
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 260.
 DISCHARGE..... 1325. L/MIN

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 8900.
 TOTAL DISSOLVED SOLIDS... 5000.

ANALYSIS IN PPMISOTOPE 10/001

AG....		CO3.....	N				
AL....		CR.....		MG...	170.		
B.....		F.....		NA...	1340.	SI02.	29.
HE.....		FE(TOT).		NB...		SO4..	230.
CA.....	311.	HCO3....	196.	NO3..	2.8		
CL....	2820.						

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00345

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017525

NAME OF SAMPLE SOURCE... KENNECOTT COPPER
 WELL/SPRING NUMBER..... (C- 1- 3)15CBB-2

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01S 003W 15 NW OF NW SW
 STATE..... UTAH
 COUNTY..... SALT LAKE

LAT/LONG... 40-43.96 N 112-10.46 W
 UTM ZONE... +12
 NORTHING... 4509459.
 490862.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... FARNSWORTH PEAK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/04/17
 TEMPERATURE (C)..... 26.

WELL DEPTH (M)..... 175.
DISCHARGE..... 11356. L/MIN
WATER ANALYSIS

PH..... 7.5
SPECIFIC CONDUCTANCE..... 13900.
TOTAL DISSOLVED SOLIDS... 8220.

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....		MG...	139.	
B.....	0.6	F.....	1.5	NA...	2660.	SI02. 16.
BE....		FE(TOT).		NB...		SO4.. 238.
CA....	312.	HCO3....	292.	NO3..	4.1	
CL....	4700.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... HELY AND OTHERS, 1968

RECORD 00346

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KENNECOTT COPPER

GEOHERM FILE ID: 0017503

WELL/SPRING NUMBER..... (C- 1- 3)158CA-2

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 003W 15 NE OF SW NW
STATE..... UTAH
COUNTY..... SALT LAKE

COORDINATES

LAT/LONG... 40-44.16 N 112-10.3 W
UTM ZONE... +12
NORTHING... 4509904.
400784.

GEOLOGIC PROVINCE... 35
MAP REFERENCE..... FARNSWORTH PEAK 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/08/15
TEMPERATURE (C)..... 27.7
WELL DEPTH (M)..... 270.
DISCHARGE..... 13438. L/MIN

WATER ANALYSIS

PH..... 7.5
SPECIFIC CONDUCTANCE..... 20600.
TOTAL DISSOLVED SOLIDS... 13800.

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....		MG...	195.	
B.....		F.....		NA...	4330.	SI02. 18.
BA....		FE+3....		NA+K.		SO4.. 254.
BE....		FE(TOT).		NB...		
CA....	435.	HCO3....	273.	NO3..	16.	
CL....	7650.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... TURNS AND OTHERS, 1966A

RECORD 00347

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... KLEIN, F. G.

GEOHERM FILE ID: 0017517

WELL/SPRING NUMBER..... (C- 1- 2)24AAA-2
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE NE OF NE NE
 STATE..... UTAH 01S 002W 24
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MAGNA 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1966/10/27
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 137.
 DISCHARGE..... 170. L/MIN

COORDINATES
 LAT/LONG... 40-43.44 N 112- 0.36 W
 UTM ZONE... +12
 NORTHING... 4508394.
 415039.

WATER ANALYSIS

pH..... 7.8
 SPECIFIC CONDUCTANCE..... 5970.
 TOTAL DISSOLVED SOLIDS... 3380.
 ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3..... N				
AL.....	CR.....	MG...	98.		
H.....	F.....	NA...	924.	SI02.	51.
HE.....	FE(TOT).	NB...		504..	233.
CA..... 196.	HCO3..... 112.	NO3..	0.2		
CL..... 1820.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00348

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017485

NAME OF SAMPLE SOURCE... LAKEFRONT GUN CLUB
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE NW OF SW
 STATE..... UTAH 02N 002W 35
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1933/05/19
 TEMPERATURE (C)..... 22.
 DISCHARGE..... 34.

COORDINATES
 LAT/LONG... 40-51.36 N 112- 2.34 W
 UTM ZONE... +12
 NORTHING... 4523080.
 412426.

WATER ANALYSIS

ANALYSIS IN MG/L
 B.....
 HE.....
 CA..... 13.
 CL..... 194.
 F.....
 FE(TOT).
 HCO3..... 226.
 NA... 188.
 NB... 504.. 2.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00349

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017486

NAME OF SAMPLE SOURCE... LAKEFRONT GUN CLUB

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35

TOWNSHIP-RANGE
 02N 002W 35 NW OF SW

COORDINATES
 LAT/LONG... 40-51.36 N 112- 2.34 W
 UTM ZONE... +12
 NORTHING... 4523080.
 412420.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/08/00
 TEMPERATURE (C)..... 26.5
 DISCHARGE..... 132.

WATER ANALYSIS

PH..... 7.8
 TOTAL DISSOLVED SOLIDS... 492.

ANALYSIS IN MG/L

AL.....	CR.....	MG...	3.6		
BA.....	F.....	NA...	171.	S102.	27.
BE.....	FE(TOT)...	NB...	0.02	S04..	2.9
CA..... 14.	MG03....	NO3..	270.		
CL..... 140.					

ISOTOPES (0/001)**REFERENCE AND IDENTIFICATION**

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00350

GEO THERM SAMPLE FILE

GEO THERM FILE 101 0017050

NAME OF SAMPLE SOURCE... LOS CHURCH PIONEER STAKE

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
 01S 002W 12 NE OF NW

COORDINATES
 LAT/LONG... 40-44.78 N 112- 0.36 W
 UTM ZONE... +12
 NORTHING... 4510874.
 415067.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1947/03/00
 TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 132.
 DISCHARGE..... 76. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00351

GEO THERM SAMPLE FILE

GEO THERM FILE 101 0017519

NAME OF SAMPLE SOURCE... LOGAN, S. U.

WELL/SPRING NUMBER..... (U- 3- 1129ABC-1)

LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
 03S 001E 29 SW OF NW NE

COORDINATES
 LAT/LONG... 40-32.05 N 111-51.6 W
 UTM ZONE... +12
 NORTHING... 4486838.
 427329.

MAP REFERENCE..... WRAPER 1124000

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1966/06/03

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 51.
 DISCHARGE..... 208. L/MIN

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 400.
 TOTAL DISSOLVED SOLIDS... 240.
 ANALYSIS IN PPM

AG....	CO3.... N				
AL....	CR....	MG...	12.		
H....	F....	NA...	16.	SI02.	17.
RE....	FE(TOT).	NB...		SO4..	33.
CA.... 53.	HCO3.... 212.	NO3..	0.1		
CL.... 5.8					

ISOIOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00352

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017047

NAME OF SAMPLE SOURCE... MORTON SALT

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01S 002W 06 NE OF NE
 STATE..... UTAH
 COUNTY..... SALT LAKE

LAT/LONG... 40-46.08 N 112- 6.06 W
 UTM ZONE... +12
 NORTHING... 4513375.
 407077.

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/15
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 351.
 DISCHARGE..... 379. L/MIN

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 3530.
 TOTAL DISSOLVED SOLIDS... 1900.
 ANALYSIS IN MG/L

AL....	CR....	MG...	62.		
R....	F....	NA...		SI02.	24.
BA....	FE+3....	NA+K.	531.		
HE....	FE(TOT).	NB...		SO4..	44.
CA.... 98.	HCO3.... 113.	NO3..	10.		
CL.... 1070.					

ISOIOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00353

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017046

NAME OF SAMPLE SOURCE... MORTON SALT

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01S 002W 06 NE OF NE
 STATE..... UTAH

LAT/LONG... 40-46.08 N 112- 6.06 W
 UTM ZONE... +12

COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1956/07/00
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 251.
 DISCHARGE..... 568. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

NORTHING... 45133/5.
 407077.

RECORD 00354

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017484

NAME OF SAMPLE SOURCE... MORTON SALT
 WELL/SPRING NUMBER..... (H- 1- 3)348CB-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 003W 34 NW OF SW NW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ANTELOPE ISLAND SOUTH 1:24000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES
 LAT/LONG... 40-46.7 N 112-10.50 W
 UTM ZONE... +12
 NORTHING... 4515010.
 400852.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/09/12
 TEMPERATURE (C)..... 25.5
 WELL DEPTH (M)..... 269.
 DISCHARGE..... 106. L/MIN

WATER ANALYSIS

P4..... 7.3
 SPECIFIC CONDUCTANCE..... 24300.
 TOTAL DISSOLVED SOLIDS... 15800.

ANALYSIS IN PPM

AG....	CO3.... N				
AL....	CR....	MG....	688.		
H....	F....	NA....	3950.	SI02.	39.
BE....	FE(TQT).	NB....		S04..	327.
CA.... 1070.	HCO3.... 52.	NO3..	0.7		
CL.... 9730.					

ISOLINES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1968

RECORD 00355

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017043

NAME OF SAMPLE SOURCE... MORTON SALT
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 003W 34 SW OF SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1936/02/28

COORDINATES
 LAT/LONG... 40-46.86 N 112-10.68 W
 UTM ZONE... +12
 NORTHING... 4514902.
 400597.

TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 262.
 DISCHARGE..... 1325. L/MIN
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1966

RECORD 00356

GEOTHERM FILE ID: 0017523

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MORTON SALT CO.
 WELL/SPRING NUMBER..... IC- 1- 216AAA-4
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** NE OF NE NE
 STATE..... UTAH 15S 02W 06
 COUNTY..... SALT LAKE

COORDINATES
 LAT/LONG... 40-46.14 N 112- 6.06 W
 UTM ZONE... +12
 NORTHING... 4513486.
 487079.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT AIR 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/02/24
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 255.
 DISCHARGE..... 129. L/MIN
 OTHER SAMPLE INFORMATION.. SEE 6 AAA 4 BY IWM

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE... 3480.
 TOTAL DISSOLVED SOLIDS... 1870.

ISOTOPE (0/00)

ANALYSIS IN PPM
 AG.... CO3.... N
 AL.... CR..... MO... 52.
 B.... F..... NA... 544. S102. 25.
 BE.... FE(TOT). NB... 504.. 42.
 CA.... 95. HCO3.... 114. NO3... 0.6
 CL.... 1060.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1968

RECORD 00357

GEOTHERM FILE ID: 0017477

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RUDY GUN CLUB
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** SW OF SW
 STATE..... UTAH 01N01W 06
 COUNTY..... SALT LAKE

COORDINATES
 LAT/LONG... 40-50.64 N 111-59.94 W
 UTM ZONE... +12
 NORTHING... 4521708.
 415782.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/26
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 96.
 DISCHARGE..... 45.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 926.
 TOTAL DISSOLVED SOLIDS... 567.

ANALYSIS IN MG/L

AL.....	CR.....	MG...	5.4		
B.....	F.....	NA...	208.	SI02.	28.
BE.....	FE(TOT).	NB...		S04..	1.6
CA..... 11.	HCO3.....	NO3..	0.5		
CL..... 91.					

ISOTOPES (0/100)

OTHER ANALYTICAL DATA... METHANE GAS
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00358

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017491

NAME OF SAMPLE SOURCE... SALT LAKE CO. WATER CONSERV. DISTRICT
 LOCATION

COORDINATES

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 001W 35 NE OF SW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

LAT/LONG... 40-41.28 N 111-55.20 W
 UTM ZONE... +12
 NORTHING... 4504319,
 422260.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/26
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 229.
 DISCHARGE..... 1855.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 578.
 TOTAL DISSOLVED SOLIDS... 365.

ANALYSIS IN MG/L

AL.....	CR.....	MG...	17.		
B.....	F.....	NA...	50.	SI02.	25.
BE.....	FE(TOT).	NB...		S04..	88.
CA..... 51.	HCO3.....	NO3..	0.1		
CL..... 38.					

ISOTOPES (0/100)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00359

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017492

NAME OF SAMPLE SOURCE... SALT LAKE CO. WATER CONSERVATION DISTRICT

WELL/SPRING NUMBER..... (C- 1- 1135CAA-2)

LOCATION

COORDINATES

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 001W 35 NE OF NE SW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

LAT/LONG... 40-41.28 N 111-55.2 W
 UTM ZONE... +12
 NORTHING... 4504325,
 421669.

MAP REFERENCE..... SALT LAKE CITY SOUTH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/09/18
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 229.
 DISCHARGE..... 1476. L/MIN
 WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 554.
 TOTAL DISSOLVED SOLIDS... 372.

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	15.		
B....		F.....	NA...		SI02.	24.
BA....		FE+3...	NA+K.	57.		
BE....		FE(TOT)...	NB...		SO4..	72.
CA....	35.	HCO3..... 182.	NO3..	0.5		
CL....	50.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TORNS AND OTHERS, 1966A

RECORD 00360

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SALT LAKE COUNTY WATER CONSERVATION DISTRICT
 WELL/SPRING NUMBER..... (C- 3- 1)1CAB-2

GEO THERM FILE ID: 0017068

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03S 001W 01 NW OF NE SW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-35.2 N 111-54.2 W
 UTM ZONE... +12
 NORTING... 4318696.
 502135.

MAP REFERENCE..... MIDVALE 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/01/25
 TEMPERATURE (C)..... 24.4
 WELL DEPTH (M)..... 244.
 DISCHARGE..... 2756. L/MIN

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 627.
 TOTAL DISSOLVED SOLIDS... 343.
 CHARGE IMBALANCE (% DIFF)... 1.8

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	7.3		
B....	0.14	F.....	NA...	100.	SI02.	14.
BE....		FE(TOT)...	NB...		SO4..	1.5
CA....	15.	HCO3..... 160.	NO3..	N		
CL....	113.					
CO....		K.....		2.8		

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GUODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00361

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SANDY CITY CORP.

GEOOTHERM FILE ID: 0017056

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03S 001W 18 SE OF SW
 STATE..... UTAH
 COUNTY..... SALT LAKE

COORDINATES

LAT/LONG... 38-59.40 N 111-04.37 W
 UTM ZONE... +12
 NORTHING... 4315461.
 493692.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/01/15
 TEMPERATURE (C)..... 27.8
 WELL DEPTH (M)..... 351.
 DISCHARGE..... 4845. L/MIN

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 2470.
 TOTAL DISSOLVED SOLIDS... 1360.

ANALYSIS IN MG/L

AL.....	CR.....	MG... 26.		
H.....	F.....	NA... S102.	27.	
BA.....	FE+3...	NA+K. 352.		
RE.....	FE(TOT).	NB... S04..	115.	
CA... 116.	MCO3.... 203.	NO3.. 1.		
CL... 620.				

ISOTOPIES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00362

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SCHMIDT, M.

GEOOTHERM FILE ID: 0017526

WELL/SPRING NUMBER..... (D- 1- 1119BAC-4)

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 001E 19 SW OF NE NW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 40-43.35 N 111-52.9 W
 UTM ZONE... +12
 NORTHING... 4508058.
 425678.

MAP REFERENCE..... SALT LAKE CITY SOUTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/06/29
 TEMPERATURE (C)..... 25.5
 WELL DEPTH (M)..... 32.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 690.
 TOTAL DISSOLVED SOLIDS... 609.

ANALYSIS IN PPM

AG.....	CO3..... N			
AL.....	CR.....	MG... 32.		
H.....	F.....	NA... S102.	13.	
HE.....	FE(TOT).	NB... S04..	199.	

ISOTOPIES (0/001)

CA.... 111. HCO3.... 304. NO3.. 0.7
 CL.... 38.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1968

RECORD 00363

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017506

NAME OF SAMPLE SOURCE... SOL

WELL/SPRING NUMBER..... (B- 1- 1)23800-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 001W 23 SE OF SE NW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35

LAT/LONG... 40-48.36 N 111-55.2 W
 UTM ZONE... +12
 NORTHING... 4517415.
 422566.

MAP REFERENCE..... SALT LAKE CITY NORTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/11/10

TEMPERATURE (C)..... 30.5

WELL DEPTH (M)..... 9.1

DISCHARGE..... E 379. L/MIN

WATER ANALYSIS

PH..... 7.8

SPECIFIC CONDUCTANCE..... 19500.

TOTAL DISSOLVED SOLIDS... 12000.

ANALYSIS IN PPMISOTOPES (0/001)

AG....	CO3.... N				
AL....	CR....	MG...	157.		
B....	F....	NA....		SI02.	29.
BA....	FE+3....	NA+K.	3660.		
HE....	FE(TOT).	NB....		S04..	919.
CA.... 668.	HCO3.... 265.	NO3..	2.8		
CL.... 6440.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... JORNS AND OTHERS, 1966B

RECORD 00364

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017044

NAME OF SAMPLE SOURCE... STATE OF UTAH

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 001W 18 SE OF SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..

LAT/LONG... 40-49.62 N 111-59.94 W
 UTM ZONE... +12
 NORTHING... 4519821.
 415760.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1941/06/02

TEMPERATURE (C)..... 20.0

WELL DEPTH (M)..... 96.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 345.

ANALYSIS IN MG/L

BE.... FE(TOT). NB... S04.. 64.
 CA.... HCO3.... 156.
 CL.... 455.

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00365

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017054

NAME OF SAMPLE SOURCE... STATE PRISON

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04S 001W 02 NW OF NW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 3S
 LAT/LONG... 40-29.76 N 111-54.72 W
 UTM ZONE... +12
 NORTHING... 4482949.
 422716.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/03/25
 TEMPERATURE (C)..... 28.3
 WELL DEPTH (M)..... 251.
 DISCHARGE..... 227. L/MIN

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 1490.
 TOTAL DISSOLVED SOLIDS... 890.
 CHARGE IMBALANCE (% DIFF)... 1.1

ANALYSIS IN MG/L

AL.... CR..... MG... 25.
 B.... 0.41 F..... 0.8 NA... 191. S102. 35.
 BE.... FE(TOT). 0.08 NB... S04.. 191.
 CA.... 76. HCO3.... 264. NO3.. 1.0
 CL.... 226.
 CO.... K..... 16.

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00366

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017489

NAME OF SAMPLE SOURCE... SUDBURY, L. W.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01S 001W 18 NW OF NW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 LAT/LONG... 40-43.56 N 111-59.16 W
 UTM ZONE... +12
 NORTHING... 4508597.
 416731.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/04
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 176.

OTHER SAMPLE INFORMATION.. ANOTHER ANALYSIS IN 80-11

WATER ANALYSIS

PH..... 7.6

SPECIFIC CONDUCTANCE..... 1290.
 TOTAL DISSOLVED SOLIDS... 722.
 ANALYSIS IN MG/L

AL.....	CR.....	MG...	26.		
R.....	F.....	NA...	164.	5102.	37.
BE.....	FE(TOT)...	NB...		504..	75.
CA..... 58.	HCO3..... 144.	NO3..	0.6		
CL..... 290.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00367

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017488

NAME OF SAMPLE SOURCE... SUDBURY, L. W.

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	01S 001W 18	NW OF NW	LAT/LONG...	40-43.56 N 111-59.16 W
STATE.....	UTAH			UTM ZONE...	+12
COUNTY.....	SALT LAKE			NORTHING...	4508597.
GEOLOGIC PROVINCE..					416731.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/10/08
 TEMPERATURE (C)..... 21.5
 WELL DEPTH (M)..... 176.
 DISCHARGE..... 114.

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 1280.
 TOTAL DISSOLVED SOLIDS... 721.

ANALYSIS IN MG/L

AL.....	CR.....	MG...	24.		
H.....	F.....	NA...	169.	5102.	37.
BE.....	FE(TOT)...	NB...		504..	73.
CA..... 56.	HCO3..... 144.	NO3..	0.9		
CL..... 290.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00368

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017487

NAME OF SAMPLE SOURCE... SUDBURY, L. W.

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	01S 001W 18	NW OF NW	LAT/LONG...	40-43.56 N 111-59.16 W
STATE.....	UTAH			UTM ZONE...	+12
COUNTY.....	SALT LAKE			NORTHING...	4508597.
GEOLOGIC PROVINCE..					416731.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/04
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 122.
 DISCHARGE..... 227.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE.... 1270.
 TOTAL DISSOLVED SOLIDS... 699.
 ANALYSIS IN MG/L

AL....	CR.....	MG....	35.		
BA....	F.....	NA....	135.	SI02..	52.
BE....	FE(TOT)..	NB....		S04..	44.
CA.... 62.	HCO3....	NO3..	0.4		
CL.... 290.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00369

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017500

NAME OF SAMPLE SOURCE... SUDBURY, S. A.
 WELL/SPRING NUMBER..... (C- 1- 1)18DDD-2

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01S 001W 18 SE OF SE SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT LAKE CITY SOUTH 1:24000

LAT/LONG... 40-43.57 N 111-59.2 W
 UTM ZONE... +12
 NORTHING... 4508597.
 416731.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/07/07
 TEMPERATURE (C)..... 20.6
 WELL DEPTH (M)..... 176.
 DISCHARGE..... 6.8 L/MIN

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE.... 1260.
 TOTAL DISSOLVED SOLIDS... 766.
 ANALYSIS IN PPM

AG....	CO3.... N				
BA....	FE+3....	NA+K..	169.		
BE....	FE(TOT)..	NB....		S04..	75.
CA....	HCO3....	NO3..	0.7		
CL.... 288.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... IORNS AND OTHERS, 1966A

RECORD 00370

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017501

NAME OF SAMPLE SOURCE... SUDBURY, S. A.
 WELL/SPRING NUMBER..... (C- 1- 1)18DDD-2

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01S 001W 18 SE OF SE SE
 STATE..... UTAH
 COUNTY..... SALT LAKE

LAT/LONG... 40-43.57 N 111-59.2 W
 UTM ZONE... +12
 NORTHING... 4508597.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT LAKE CITY SOUTH 1:24000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1965/02/19
 TEMPERATURE (C)..... 20.5

416731.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 1250.
 TOTAL DISSOLVED SOLIDS... 771.

ANALYSIS IN PPM

AG....	CO3.....	N			
AL....	CR.....		MG... 28.		
B....	F.....		NA... 5102.	37.	
BA....	FE+3....		NA+K. 169.		
HE....	FE(TOT)..		NH... 504..	86.	
CA.... 51.	HCO3....	144.	NO3.. 1.		
CL.... 285.					

ISOIOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TORNES AND OTHERS, 1966B

RECORD 00371

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TOWERS, H.A.
 WELL/SPRING NUMBER..... (D- 2- 1)70CD-7

GEOHERM FILE ID: 0017070

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 02S 001E 07 SE OF SW SE
 STATE..... UTAH
 COUNTY..... SALT LAKE

COORDINATES

LAT/LONG... 40-39.24 N 111-45.78 W
 UTM ZONE... 12
 NORTHING... 4500417.
 435494.

MAP REFERENCE..... SUGAR HOUSE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/06/28
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 148.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 577.
 TOTAL DISSOLVED SOLIDS... 369.

ANALYSIS IN MG/L

AG....	CO3.....	N			
AL....	CR.....		MG... 18.		
B....	F.....		NA... 67.	13.	
BE....	FE(TOT)..		NH... 504..	146.	
CA.... 34.	HCO3....	154.	NO3.. 0.2		
CL.... 20.					

ISOIOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1968

RECORD 00372

GEOTHERM FILE ID: 0017052

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING
 WELL/SPRING NUMBER..... (C- 4- 1)23CH0-S1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 001W 23 NW OF NW SW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... JORDAN NARROWS 1124000

COORDINATES

LAT/LONG... 40-27.36 N 111-55.62 W
 UTM ZONE... +12
 NORTHING... 4478572.
 421398.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/04/08
 TEMPERATURE (C)..... 22.7

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 629.
 TOTAL DISSOLVED SOLIDS... 373.
 ANALYSIS IN PPM

AG....	CO3.... N	MG....	25.		
AL....	CR....	NA....		SI02.	21.
H....	F....	NA+K.	24.		
BA....	FE+3....	NB....		SO4..	30.
BE....	FE(TOT).	NO3.. N			
CA.... 63.	HCO3.... 248.				
CL.... 57.					

ISOTOPES (0/001)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00373

GEOTHERM FILE ID: 0017497

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 002W 25 NE OF SW
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 40-47.28 N 112- 0.90 W
 UTM ZONE... +12
 NORTHING... 4515508.
 414361.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/19
 TEMPERATURE (C)..... 29.

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 46400.
 TOTAL DISSOLVED SOLIDS... 31800.
 ANALYSIS IN MG/L

AL....	CR....	MG....	601.		
H....	F....	NA....	10200.	SI02.	6.5
BE....	FE(TOT).	NB....		SO4..	953.
CA.... 1120.	HCO3.... 55.	NO3..	52.		
CL.... 18000.					

ISOTOPES (0/001)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00374

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017067

NAME OF SAMPLE SOURCE... UTAH POWER AND LIGHT CO.
 WELL/SPRING NUMBER..... (C- 1- 2)1000-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 002W 01 SE OF SE SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT AIR 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 40-45.33 N 112-00.4 W
 UTM ZONE... +12
 NORTHING... 4511707.
 424688.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/28
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 187.
 DISCHARGE..... 45. L/MIN

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1450.
 TOTAL DISSOLVED SOLIDS... 831.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG... 26.			
B....	F.....		SI02. 38.		
BA....	FE+3....	NA... 199.			
BE....	FE(TOT)..	N8... 504..	58.		
CA.... 55.	HCO3.... 158.	NO3.. 2.2			
CL.... 349.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HELY AND OTHERS, 1967

RECORD 00375

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017317

NAME OF SAMPLE SOURCE... WASATCH HOT SPRINGS
 WELL/SPRING NUMBER..... (B- 1- 1)2508-S
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 001W 25 NW OF SE
 STATE..... UTAH
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALT LAKE CITY NORTH 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 40-47.4 N 111-53.99 W
 UTM ZONE... +12
 NORTHING... 4515398.
 424402.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1934/03/16

WATER ANALYSIS

DATE/ANALYST..... SALT LAKE CITY CORPORATION
 TOTAL DISSOLVED SOLIDS... 12800.
 CHARGE IMBALANCE (S DIFF)... 6.7
 ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MO...	136.		
B.....	F.....	NA...	2660.	SI02.	33.
BE....	FE(TOT).	NB...		S04..	1330.
CA....	HCO3....				
CL....					
CO....	K.....				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00376

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017318

NAME OF SAMPLE SOURCE... WASATCH HOT SPRINGS

WELL/SPRING NUMBER..... (B- 1- 1)250B-S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 001W 25 NW OF SE

STATE..... UTAH

COUNTY..... SALT LAKE

GEOLOGIC PROVINCE..

MAP REFERENCE..... SALT LAKE CITY NORTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

LAT/LONG... 40-47.4 N 111-53.99 W
 UTM ZONE... +12
 NORTHING... 4515398.
 424402.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1935/05/00

WATER ANALYSIS

DATE/ANALYST..... SALT LAKE CITY CORPORATION

TOTAL DISSOLVED SOLIDS... 8080.

CHARGE IMBALANCE (% DIFF)... 1.4

ANALYSIS IN PPMISOTOPES (0/00)

AL....	CR.....	MO...	98.		
B.....	F.....	NA...	1940.	SI02.	62.
BE....	FE(TOT).	NB...		S04..	1020.
CA....	HCO3....				
CL....					
CO....	K.....				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00377

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017319

NAME OF SAMPLE SOURCE... WASATCH HOT SPRINGS

WELL/SPRING NUMBER..... (B- 1- 1)250B-S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 001W 25 NW OF SE

STATE..... UTAH

COUNTY..... SALT LAKE

GEOLOGIC PROVINCE..

MAP REFERENCE..... SALT LAKE CITY NORTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

LAT/LONG... 40-47.4 N 111-53.99 W
 UTM ZONE... +12
 NORTHING... 4515398.
 424402.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1937/01/00

WATER ANALYSIS

DATE/ANALYST..... SALT LAKE CITY CORPORATION

TOTAL DISSOLVED SOLIDS... 7310.

CHARGE IMBALANCE (% DIFF)... 1.9

ANALYSIS IN PPM

AL....	CR.....	MG...	58.	<u>ISOTOPES (0/00)</u>	
B.....	F.....	NA...	1870.	SI02.	41.
BE....	FE(TOT).	NB...		S04..	1470.
CA.... 414.	HCO3.... 293.				
CL.... 2780.					
CO....	K..... 194.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00378

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WASATCH HOT SPRINGS

GEOTHERM FILE ID: 0017320

WELL/SPRING NUMBER..... (B-1-1)250B-S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	01N 001W 25	NW OF SE.	LAT/LONG...	40-47.4 N 111-53.99 W
STATE.....	UTAH			UTM ZONE...	+12
COUNTY.....	SALT LAKE			NORTHING...	4515398.
GEOLOGIC PROVINCE..					424402.

MAP REFERENCE..... SALT LAKE CITY NORTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1940/03/16

PERTINENT LITHOLOGY..... SALT LAKE CITY CORPORATION

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 5590.

CHARGE IMBALANCE (% DIFF)... 8.5

ANALYSIS IN PPM

AL....	CR.....	MG...	65.	<u>ISOTOPES (0/00)</u>	
B.....	F.....	NA...	1400.	SI02.	26.
BE....	FE(TOT).	NB...		S04..	982.
CA.... 461.	HCO3.... 278.				
CL.... 2070.					
CO....	K..... 62.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00379

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WASATCH HOT SPRINGS

GEOTHERM FILE ID: 0017529

WELL/SPRING NUMBER..... (B-1-1)250B-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	01N 001W 25	NW OF NW SE	LAT/LONG...	40-47.4 N 111-53.9 W
STATE.....	UTAH			UTM ZONE...	+12
COUNTY.....	SALT LAKE			NORTHING...	4515286.
GEOLOGIC PROVINCE..	35				424485.

MAP REFERENCE..... SALT LAKE CITY NORTH 1124000

OTHER LOCALITY INFORMATION: ONE MILE N-NW OF TEMPLE SQUARE IN SALT LAKE CITY; LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/03

TEMPERATURE (C)..... 42.

PERTINENT LITHOLOGY..... SPRINGS ISSUE ALONG WARM SPRINGS FAULT.

WATER ANALYSIS

PH..... 8.0

SPECIFIC CONDUCTANCE..... 13700.

TOTAL DISSOLVED SOLIDS..... 8590.

CHARGE IMBALANCE (% DIFF).... 0.6

ANALYSIS IN PPM

AG....		CO3..... N					
AL....		CR.....		MG....	109.		
H....	1.2	F.....	1.9	NA....	2410.	SI02.	18.
BE....		FE(TOT).		NB....		S04..	1090.
CA....	565.	HCO3.....	220.	NO3..	0.9		
CL....	4170.						
CO....		K.....	111.				

ISOIOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... HELY AND OTHERS, 1967

RECORD 00380

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WASATCH HOT SPRINGS

WELL/SPRING NUMBER..... (B-1-1)2508B-S1

GEOHERM FILE 101 0017530

LOCATIONCOUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 001W 25 NW OF NW SE

STATE..... UTAH

COUNTY..... SALT LAKE

GEOLOGIC PROVINCE...

MAP REFERENCE..... SALT LAKE CITY NORTH 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 40-47.4 N 111-53.99 W

UTM ZONE... +12

NORTHING... 4515286.

424485.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/07/26

TEMPERATURE (C)..... 40.5

WATER ANALYSIS

PH..... 7.9

SPECIFIC CONDUCTANCE..... 9540.

TOTAL DISSOLVED SOLIDS..... 6000.

CHARGE IMBALANCE (% DIFF).... 0.5

ANALYSIS IN PPM

AG....		CO3..... N					
AL....		CR.....		MG....	90.		
B....	0.9	F.....	2.8	NA....	1620.	SI02.	16.
BE....		FE(TOT).		NB....		S04..	818.
CA....	433.	HCO3.....	244.	NO3..	7.3		
CL....	2820.						
CO....		K.....	70.				

ISOIOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... HELY AND OTHERS, 1968

RECORD 00381

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... YOUNG, K. W.

GEOHERM FILE ID: 0017495

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 01S 002W 23 NW OF SW
 COUNTY..... SALT LAKE

COORDINATES

LAT/LONG... 40-42.66 N 112- 2.04 W
 UTM ZONE... +12
 NORTHING... 4506979.
 412657.

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/05
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 32.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1890.
 TOTAL DISSOLVED SOLIDS... 1170.

ANALYSIS IN MG/L

AL.....	CR.....	MG...	17.		
H.....	F.....	NA...	354.	SI02.	82.
HE.....	FE(TOT)...	NB...		SO4...	224.
CA..... 30.	HCO3..... 284.	NO3..	13.		
CL..... 312.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00382

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... YOUNG, K. W.

GEOHERM FILE ID: 0017496

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 01S 002W 23 NW OF SW
 COUNTY..... SALT LAKE
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 40-42.66 N 112- 2.04 W
 UTM ZONE... +12
 NORTHING... 4506979.
 412657.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/08/05
 TEMPERATURE (C)..... 21.5
 WELL DEPTH (M)..... 43.
 DISCHARGE..... 227.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 1880.
 TOTAL DISSOLVED SOLIDS... 1140.

ANALYSIS IN MG/L

AL.....	CR.....	MG...	15.		
H.....	F.....	NA...	347.	SI02.	81.
HE.....	FE(TOT).... 0.01	NB...		SO4...	220.
CA..... 29.	HCO3..... 281.	NO3..	8.		
CL..... 300.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MARINE, 1960

RECORD 00383

GEOHERM FILE 10: 0017617

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BLUFF IRR. CO.

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 40S 022E 30 NW OF NW NW
 STATE..... UTAH
 COUNTY..... SAN JUAN
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 37-17.23 N 109-32.82 W
 UTM ZONE... +12
 NORTHING... 4127384.
 628715.

MAP REFERENCE..... BLUFF 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/06
 TEMPERATURE (C)..... 20.
 DISCHARGE..... 83. L/MIN

WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 591.
 TOTAL DISSOLVED SOLIDS... 387.

ANALYSIS IN PPM

AG....	CO3..... N	MG...	1.5		
AL....	CR.....	NA...		SI02.	11.
B....	F.....	NA+K.	148.		
BA....	FE+3....	NB...		SO4..	53.
BE....	FE(TOT)..	NO3..	0.3		
CA.... 3.2	HCO3.... 326.				
CL.... 10.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00384

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BUREAU OF INDIAN AFFAIRS 12R-173

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 40S 025E 05 NW OF NW NW
 STATE..... UTAH
 COUNTY..... SAN JUAN
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 37-20.64 N 109-12.2 W
 UTM ZONE... +12
 NORTHING... 4134342.
 659001.

MAP REFERENCE..... CAJON MESA 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/08
 TEMPERATURE (C)..... 20.0
 PERTINENT LITHOLOGY..... PRODUCING FORMATION IS BURRO CANYON FORMATION.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 3930.
 TOTAL DISSOLVED SOLIDS... 2890.

ANALYSIS IN PPM

AG....	CO3..... N	MG...	12.		
AL....	CR.....	NA...		SI02.	13.
B....	F..... 1.7	NA+K.	927.		
BA....	FE+3....				

ISOTOPES (0/00)

BE.... FE(TOT). NB... 504.. 1670.
 CA.... 27. HCO3.... 380. NO3... 1.5
 CL.... 54.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00385

GEOThERM SAMPLE FILE

GEOThERM FILE ID: 0017219

NAME OF SAMPLE SOURCE... BUREAU OF INDIAN AFFAIRS 12T-312

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 40S 02SE 01 SW OF SW NW

LAT/LONG... 37-20.31 N 109-08.81 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... SAN JUAN

NORTHING... 4133807.

GEOLOGIC PROVINCE..

665746.

MAP REFERENCE..... CAJON MESA 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/08/07

TEMPERATURE (C)..... 21.7

DISCHARGE..... 7.6 L/MIN

PERTINENT LITHOLOGY..... PRODUCING FORMATION IS NAVAJO SANDSTONE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 5390.

TOTAL DISSOLVED SOLIDS... 3550.

ANALYSIS IN PPMISOTOPIES (0/00)

AL....	CR.....	MG... 20.		
H.....	F..... 0.4	NA... SI02. 16.		
BA....	FE+3....	NA+K. 1350.		
BE....	FE(TOT).	NB... 504.. 286.		
CA.... 54.	HCO3.... 2300.	NO3.. 4.1		
CL.... 685.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00386

GEOThERM SAMPLE FILE

GEOThERM FILE ID: 0017211

NAME OF SAMPLE SOURCE... BUREAU OF INDIAN AFFAIRS 2A-104

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 42S 009E 35

LAT/LONG... 37-05. N 110-51.96 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... SAN JUAN

NORTHING... 4114424.

GEOLOGIC PROVINCE..

511895.

MAP REFERENCE..... NAVAJO MOUNTAIN 1:62500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/09/11

TEMPERATURE (C)..... 21.1

DISCHARGE..... 40. L/MIN

PERTINENT LITHOLOGY..... PRODUCING FORMATION IS NAVAJO SANDSTONE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 433.

TOTAL DISSOLVED SOLIDS... 264.

ANALYSIS IN PPM

AG....	CO3.... N				
AL....	CR....		MG... 17.		
B....	F.... 0.2		NA... 29.		
BA....	FE+3....		NA+K... 6.4		
BE....	FE(TOT)...		NB... 15.		
CA.... 62.	HCO3.... 257.		NO3... 0.9		
CL.... 8.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00387

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017214

NAME OF SAMPLE SOURCE... BUREAU OF INDIAN AFFAIRS 2A-111

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	43S 009E 07	LAT/LONG... 37- 3.72 N 110-56.70 W
STATE.....	UTAH		UTM ZONE... +12
COUNTY.....	SAN JUAN		NORTHING... 4101548.
GEOLOGIC PROVINCE..			504890.

MAP REFERENCE..... NAVAJO MOUNTAIN 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/09/11
 TEMPERATURE (C)..... 22.2
 DISCHARGE..... 21. L/MIN
 PERTINENT LITHOLOGY..... PRODUCING FORMATION IS NAVAJO SANDSTONE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 418.
 TOTAL DISSOLVED SOLIDS... 244.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3.... N				
AL....	CR....		MG... 23.		
B....	F.... 0.2		NA... 17.		
BA....	FE+3....		NA+K... 13.		
BE....	FE(TOT)...		NB... 22.		
CA.... 43.	HCO3.... 232.		NO3... 0.4		
CL.... 11.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00388

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017215

NAME OF SAMPLE SOURCE... BUREAU OF INDIAN AFFAIRS 8A-229

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	43S 016E 23	LAT/LONG... 37- 2.04 N 110- 7.08 W
STATE.....	UTAH		UTM ZONE... +12
COUNTY.....	SAN JUAN		NORTHING... 4098805.
GEOLOGIC PROVINCE..			578445.

MAP REFERENCE..... GOULDING 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/09
 TEMPERATURE (C)..... 21.1
 PERTINENT LITHOLOGY..... PRODUCING FORMATION IS ORGAN ROCK TONGUE OF CUTLER FORMATION.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1470.
 TOTAL DISSOLVED SOLIDS... 944.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	14.		
B.....	F..... 1.2	NA...		SI02.	17.
BA....	FE+3....	NA+K.	313.		
BE....	FE(TOT).	NB...		SO4..	230.
CA.... 20.	HCO3.... 466.	NO3..	10.		
CL.... 110.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00389

GEOTHERM FILE ID: 0017216

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BUREAU OF INDIAN AFFAIRS 8A-260

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 43S 019E 29
 STATE..... UTAH
 COUNTY..... SAN JUAN

LAT/LONG... 37- 1.20 N 109-42.96 W
 UTM ZONE... +12
 NORTHING... 4097658.
 614221.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... MEXICAN HAT 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/09

TEMPERATURE (C)..... 22.2

DISCHARGE..... 15. L/MIN

PERTINENT LITHOLOGY..... PRODUCING FORMATION IS DE CHELLY SANDSTONE MEMBER OF CUTLER FORMATION.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 941.
 TOTAL DISSOLVED SOLIDS... 597.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	13.		
B.....	F..... 0.6	NA...		SI02.	14.
BA....	FE+3....	NA+K.	166.		
BE....	FE(TOT).	NB...		SO4..	181.
CA.... 33.	HCO3.... 327.	NO3..	2.8		
CL.... 26.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00390

GEOTHERM FILE ID: 0017213

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BUREAU OF INDIAN AFFAIRS 8A-281

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 42S 017E 14

LAT/LONG... 37- 8.16 N 110- 0.48 W

STATE..... UTAH
 COUNTY..... SAN JUAN
 GEOLOGIC PROVINCE.. 36
 MAP REFERENCE..... GOULDING 1162500
 UTM ZONE... 12
 NORTHING... 4110216.
 588110.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1954/09/17
 TEMPERATURE (C)..... 23.3
 DISCHARGE..... 7.6 L/MIN
 PERTINENT LITHOLOGY..... PRODUCING FORMATION IS MALGAITO TONGUE OF CUTLER FORMATION.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2670.
 TOTAL DISSOLVED SOLIDS... 2490.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	147.		
B.....	F..... 0.7	NA...		SI02.	19.
BA....	FE+3....	NA+K.	119.		
BE....	FE(TOT)..	NB...		SO4..	1670.
CA.... 421.	HCO3.... 174.	NO3..	2.5		
CL.... 20.					

ISOTOPES (0/00)**REFERENCE AND IDENTIFICATION**

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00391

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BUREAU OF INDIAN AFFAIRS 8A-293

GEO THERM FILE ID: 0017212

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... SAN JUAN
 GEOLOGIC PROVINCE.. 36
 MAP REFERENCE..... GOULDING 1162500

TOWNSHIP-RANGE

42S 006E 19

COORDINATES

LAT/LONG... 37- 7.26 N 110-11.40 W
 UTM ZONE... 12
 NORTHING... 4108399.
 571959.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/18
 TEMPERATURE (C)..... 25.0
 PERTINENT LITHOLOGY..... PRODUCING FORMATION IS CEDAR MESA SANDSTONE MEMBER OF THE CUTLER FORMATION.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 712.
 TOTAL DISSOLVED SOLIDS... 460.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	13.		
B.....	F..... 0.4	NA...		SI02.	16.
BA....	FE+3....	NA+K.	58.		
BE....	FE(TOT)..	NB...		SO4..	126.
CA.... 84.	HCO3.... 238.	NO3..	3.1		
CL.... 42.					

ISOTOPES (0/00)**REFERENCE AND IDENTIFICATION**

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00394

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017616

NAME OF SAMPLE SOURCE... NATIONAL PARK SERVICE

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 39S 026E 21 NW OF SE.
 STATE..... UTAH
 COUNTY..... SAN JUAN
 GEOLOGIC PROVINCE..

LAT/LONG... 37-23.04 N 109- 4.02 W
 UTM ZONE... +12
 NORTHING... 4139021.
 671135.

MAP REFERENCE..... CAJON MESA 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/03/10

TEMPERATURE (C)..... 21.

DISCHARGE..... 110. L/MIN

PERTINENT LITHOLOGY..... PRODUCING FORMATIONS ARE ENTRADA AND NAVAJO SANDSTONES.

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE.... 1630.
 TOTAL DISSOLVED SOLIDS... 1070.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3....	15.			
AL....	CR....		MG...	7.5	
B....	F....		NA...		SI02. 9.7
BA....	FE+3...		NA+K...	386.	
BE....	FE(TOT).		NB...		SO4.. 299.
CA....	13. HCO3....	644.	NO3..	0.2	
CL....	28.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... FELTIS, 1966

RECORD 00395

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017622

NAME OF SAMPLE SOURCE... WARM SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 35S 014E 30
 STATE..... UTAH
 COUNTY..... SAN JUAN
 GEOLOGIC PROVINCE.. 36

LAT/LONG... 37-42.00 N 110-25.26 W
 UTM ZONE... +12
 NORTHING... 4172484.
 551219.

MAP REFERENCE..... MANCOS MESA 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/06/09

TEMPERATURE (C)..... 25.5

DISCHARGE..... E 189. L/MIN

PERTINENT LITHOLOGY..... PRODUCING FORMATION IS MUENKOPI.

OTHER SAMPLE INFORMATION.. FROM LARGE JOINT WITH SOME GAS ISSUING FROM BOTTOM OF WASH.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE.... 2710.
 TOTAL DISSOLVED SOLIDS... 1860.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3....	N			
AL....	CR....		MG...	97.	

R..... F..... NA... 342. SI02. 11.
 RE..... FE(TQT). NB... 504.. 770.
 CA... 150. HCO3... 259. NO3... 3.2
 CL... 356.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FELTIS, 1966

RECORD 00396

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017544

NAME OF SAMPLE SOURCE... FBC IRR.

WELL/SPRING NUMBER..... (D-14- 5)16800-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 14S 00SE 16 SE OF SE NW
 STATE..... UTAH
 COUNTY..... SANPETE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... HUNTINGTON RESERVOIR 1:24000

LAT/LONG... 39-36.1 N 111-22.02 W
 UTM ZONE... +12
 NORTING... 4383329.
 468491.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/01/20

TEMPERATURE (C)..... 55.

WELL DEPTH (M)..... 2776.

DISCHARGE..... 1109. L/MIN

OTHER SAMPLE INFORMATION.. CASSED TO 5588 PLUGGED 5800-5900 FLOW BETWEEN PLUG & CASING.

M25

WATER ANALYSIS

PH..... 8.0

SPECIFIC CONDUCTANCE..... 471.

TOTAL DISSOLVED SOLIDS... 302.

ANALYSIS IN PPM

AG... CO3... 2.
 AL... CR...
 AS... CS...
 B... 0.16 F... 0.7
 HE... FE(TQT)... 0.06
 CA... 27. HCO3... 299.
 CL... 5. NO3... 1.1
 CO... K... 6.

ISOTOPIES (0/00)

SI02. 17.
 S04.. 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROBINSON, 1968

RECORD 00397

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017387

NAME OF SAMPLE SOURCE... LIVINGSTON WARM SPRING

WELL/SPRING NUMBER..... (U-16- 2)13CAU-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18S 002E 13 SE OF NE SW
 STATE..... UTAH
 COUNTY..... SANPETE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MANTI 1:24000

LAT/LONG... 39-14.75 N 111-38.7 W
 UTM ZONE... +12
 NORTING... 4344288.
 444342.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1941/02/06

TEMPERATURE (C)..... @ 22.2

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 635.

ANALYSIS IN PPM

AL.....	CR.....	MG...	15.		
B.....	F.....	NA...	5102.	5.6	
BA.....	FE+3...	NA+K.	129.		
BE.....	FE(TOT).	NB...	504..	86.	
CA..... 26.	HCO3.....	NO3..	3.		
CL..... 55.					

ISOTOPES (0/00)

QUALIFICATION FIELD..... TEMPERATURE MEASURED ON 10/20/65

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00398

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STERLING WARM SPRING

GEOHERM FILE ID: 0017388

WELL/SPRING NUMBER..... (U-19- 2)4DCA-S1

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

19S 002E 04 NE OF SW SE

COORDINATES

LAT/LONG... 39-10.97 N 111-41.44 W

UTM ZONE... 12

NORTHING... 4337104.

440310.

STATE..... UTAH

COUNTY..... SANPETE

GEOLOGIC PROVINCE... 36

MAP REFERENCE..... STERLING 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/08/27

TEMPERATURE (C)..... 19.4

WATER ANALYSIS

PH..... 8.3

SPECIFIC CONDUCTANCE... 711.

TOTAL DISSOLVED SOLIDS... 429.

CHARGE IMBALANCE (% DIFF)... 1.7

ANALYSIS IN PPM

AG.....	CO3.....	LI...	0.4		
AL.....	CR.....	MG...	19.		
B.....	F.....	NA...	94.	5102.	13.
BE.....	FE(TOT).	NB...	504..	71.	
CA..... 38.	HCO3.....	NO3..	0.1		
CL..... 34.					
CO.....	K.....		3.8		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00399

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STERLING WARM SPRING

GEOHERM FILE ID: 0017545

WELL/SPRING NUMBER..... (U-19- 2)4DCA-S1

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE**
 STATE..... UTAH 19S 002E 04 NE OF SW SE
 COUNTY..... SANPETE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STERLING 1124000
COORDINATES
 LAT/LONG... 39-10.97 N 111-41.44 W
 UTM ZONE... +12
 NORTHING... 4337104.
 440319.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1964/06/18
 TEMPERATURE (C)..... 19.4
 OTHER SAMPLE INFORMATION.. H2S

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE... 780.
 TOTAL DISSOLVED SOLIDS... 446.
 ANALYSIS IN PPM

ISOTOPES (0/00)
 AG.... CO3.... 2.2
 AL.... CR..... MG... 23.
 AS.... CS..... MN... N
 H.... 0.21 F..... N NA... 81. S102. 12.
 HE.... FE(TOT). 0.02 NB... S04... 75.
 CA.... 37. HCO3.... 316. NO3... 0.2
 CL.... 42.
 CO.... K..... 1.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROBINSON, 1968

RECORD 00400

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHNSON WARM SPRING

GEOTHERM FILE ID: 0017246

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE**
 STATE..... UTAH 25S 003W 27 SE OF NE
 COUNTY..... SEVIER
 GEOLOGIC PROVINCE..
COORDINATES
 LAT/LONG... 38-36.18 N 112-06.66 W
 UTM ZONE... +12
 NORTHING... 4273101.
 403257.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1906/00/00
 TEMPERATURE (C)..... 26.6
 DISCHARGE..... 681. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... RICHARDSON, 1907

RECORD 00401

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOHNSON WARM SPRING

GEOTHERM FILE ID: 0017245

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE**
 STATE..... UTAH 25S 003W 27 SE OF NE
 COUNTY..... SEVIER
 GEOLOGIC PROVINCE.. 36
COORDINATES
 LAT/LONG... 38-36.18 N 112-06.66 W
 UTM ZONE... +12
 NORTHING... 4273112.
 402309.

MAP REFERENCE..... MONROE 1162500

OTHER LOCALITY INFORMATION: TWO MILES SOUTH OF MONROE HIGH SCHOOL.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/04/19

TEMPERATURE (C)..... 25.0

DISCHARGE..... 37.9 L/MIN

PERTINENT LITHOLOGY..... SPRING ISSUES ALONG THE SEVIER FAULT.

WATER ANALYSIS

PH..... 7.4

SPECIFIC CONDUCTANCE..... 623.

TOTAL DISSOLVED SOLIDS... 428.

ANALYSIS IN PPM

AG....		CO3.....		LI....	0.01	<u>ISOTOPES (0/00)</u>	
AL....	0.011	CR.....	L 0.0014	MG....	15.		
AS....		CS.....		MN....	L 0.0014		
AU....		CU.....	L 0.0014	MO....	0.018		
B.....	0.08	F.....	1.8	NA....	44.	SI02.	32.
BE....	L 0.00057	FE(TOT).	0.014	NB....		S04..	163.
BI....	L 0.00029	GA.....	L 0.0057				
BR....	0.1	GE.....	L 0.00029	NI....	0.0017		
CA....	70.	HCO3....	175.	NO3..	N	TI... L	0.00057
CA+MG.		HG.....		PB... L	0.0014	V....	0.0015
CD....	L 0.0014	H2S.....		PO4..		ZN... L	0.0057
CL....	14.	I.....	0.01				
CO....	L 0.0014	K.....	1.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00402

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOSEPH HOT SPRING

GEO THERM FILE ID: 0017244

WELL/SPRING NUMBER..... (C-25- 4)23AAC

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

25S 004W 23

SW OF NE, NE

COORDINATES

STATE..... UTAH

LAT/LONG... 38-36.85 N 112-12.06 W

COUNTY..... SEVIER

UTM ZONE... +12

GEOLOGIC PROVINCE..

NORTHING... 4274531.

395438.

MAP REFERENCE..... MONROE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/07/23

TEMPERATURE (C)..... 54.4

WATER ANALYSIS

PH..... 6.9

SPECIFIC CONDUCTANCE..... 7790.

TOTAL DISSOLVED SOLIDS... 5150.

CHANGE IMBALANCE (% DIFF)... 0.4

ANALYSIS IN PPM

AG....		CO3.....		LI....	8.	<u>ISOTOPES (0/00)</u>	
AL....		CR.....		MG....	36.		
AS....		CS.....		MN....	0.16		
H.....		F.....	2.7	NA....	1440.	SI02.	85.
HE....		FE(TOT).	0.56	NB....		S04..	1270.
CA....	282.	HCO3....	426.	NO3..	N		
CL....	1750.						

CO..... K..... 68.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CARPENTER AND YOUNG, 1963

RECORD 00403

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017243

NAME OF SAMPLE SOURCE... JOSEPH HOT SPRING
 WELL/SPRING NUMBER..... (C-25- 4)23AAC

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 25S 004W 23 SW OF NE NE
 STATE..... UTAH
 COUNTY..... SEVIER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MONROE 1162500

LAT/LONG... 38-36.85 N 112-12.06 W
 UTM ZONE... +12
 NORTHING... 4274531.
 395438.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/09/11
 TEMPERATURE (C)..... 63.8
 DISCHARGE..... E 379. L/MIN

PERTINENT LITHOLOGY..... SOURCE IN TERTIARY VOLCANICS

WATER ANALYSIS

PH..... 6.6
 SPECIFIC CONDUCTANCE..... 7520.
 TOTAL DISSOLVED SOLIDS... 4970.
 CHARGE IMBALANCE (% DIFF)... 3.2

ANALYSIS IN PPM

AG.....	CO3.....	LI... 1.5	ISOTOPES (0/00)	
AL.....	CR.....	MG... 44.		
B..... 4.8	F..... 6.0	NA... 1380.	SI02.	84.
RE.....	FE(TOT).	NB... 504..	S04..	1250.
CA... 264.	HCO3... 412.	NO3.. N		
CL... 1690.				

CO..... K..... 45.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CARPENTER AND YOUNG, 1963

RECORD 00404

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017371

NAME OF SAMPLE SOURCE... JOSEPH HOT SPRINGS
 WELL/SPRING NUMBER..... (C-25- 4)23-5

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 25S 004W 23
 STATE..... UTAH
 COUNTY..... SEVIER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MONROE 1162500

LAT/LONG... 38-36.85 N 112-12.06 W
 UTM ZONE... +12
 NORTHING... 4274202.
 395172.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/15
 TEMPERATURE (C)..... 64.4

WATER ANALYSIS

PH..... 7.8

SPECIFIC CONDUCTANCE..... 7530.
 TOTAL DISSOLVED SOLIDS... 5180.
 ANALYSIS IN PPM

AG....		CO3.....		LI....	1.9	<u>ISOTOPES (0/00)</u>	
AL....	0.919	CR.....	L 0.0014	MG....	46.		
AS....		CS.....		MN....	0.343		
AU....		CU.....	L 0.0014	MO....	0.025		
B....	3.7	F.....	4.6	NA....	1490.	SI02..	76.
BE....	L 0.0006	FE(TOT)..	0.27	NB....		S04..	1370.
BI....	L 0.0003	GA.....	L 0.0057	NI....	0.0046		
BR....	3.	GE.....	0.057	NO3..	N	TI... L	0.0006
CA....	248.	HCO3.....	396.	PB... L	0.0014	V.... L	0.0003
CA+MG.		HG.....		PO4..		ZN... L	0.005
CD....	L 0.0014	H2S.....					
CL....	1700.	I.....	0.12				
CO....	L 0.0014	K.....	47.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LAWSON, WILLIAM
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00405

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017370

NAME OF SAMPLE SOURCE... JOSEPH HOT SPRINGS
 WELL/SPRING NUMBER..... (C-25- 4)23-S

LOCATION

TOWNSHIP-RANGE
 25S 004W 23

COORDINATES

LAT/LONG... 38-36.85 N 112-12.06 W
 UTM ZONE... 12
 NORTING... 4274202.
 395172.

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... SEVIER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MONROE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/05/03
 TEMPERATURE (C)..... 62.8

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 7680.
 TOTAL DISSOLVED SOLIDS... 5090.
 ANALYSIS IN PPM

AG....		CO3.....		LI....	1.5	<u>ISOTOPES (0/00)</u>	
AL....	0.714	CR.....	L 0.0014	MG....	49.		
AS....		CS.....		MN....	0.177		
AU....		CU.....	L 0.0014	MO....	0.019		
B....	4.4	F.....	3.	NA....	1470.	SI02..	77.
BE....	L 0.00057	FE(TOT)..	0.016	NB....		S04..	1260.
BI....	L 0.00029	GA.....	L 0.0057	NI....	0.0054		
BR....	0.4	GE.....	0.129	NO3..	1.6	TI... L	0.00057
CA....	261.	HCO3.....	410.	PB... L	0.037	V.... L	0.00029
CA+MG.		HG.....		PO4..		ZN... L	0.005
CD....	L 0.0014	H2S.....					
CL....	1700.	I.....	0.1				
CO....	L 0.0014	K.....	60.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... LAWSON, WILLIAM
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00406
GEOTHERM FILE ID: 0000751-----
GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JOSEPH HOT SPRINGS

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 25S 004W 23
COUNTY..... SEVIER
GEOLOGIC PROVINCE..
MAP REFERENCE..... MONROE 1162500COORDINATESLAT/LONG... 38-36.85 N 112-12.06 W
UTM ZONE... +12
NORTHING... 4274145.
396681.SAMPLE DESCRIPTION AND CONDITIONSTEMPERATURE (C)..... 63.0
DISCHARGE..... L 100. L/MIN

OTHER SAMPLE INFORMATION.. NUMEROUS SMALL SPRINGS AND SEEPS.

WATER ANALYSISPH..... 6.51
ALKALINITY..... 408. AS HCO3
TOTAL DISSOLVED SOLIDS... 5230.ANALYSIS IN MG/L

AG....		CO3.....		LI... 1.9	S....		
AL.... L 0.002		CR.....		MG... 44.	SB...		
AS....		CS..... 0.1		MN... 0.19			
AU....		CU..... 0.01					
B.... 4.9		F..... 3.0		NA... 1450.	SI02.	90.	
BE....		FE(TOT).. 0.27		NB...	S04..	1200.	
BI....		GA.....		NH4... 0.2			
BR....		GE.....		NI... 0.02			
CA.... 260.		HCO3..... 408.					
CA+MG.		HG..... L 0.0001		PB... N			
CD.... N							
CL.... 1700.							
CO.... N		K..... 50.		RB... 0.24	ZN... 0.03		

ISOTOPIES (0/00)DEL D OF WATER..... -133.4
DEL O(18) OF WATER... -17.32GAS ANALYSISANALYSIS IN VOLUME %CH4... 0.1
C2H6...
CO2... 26.
N2... 73.
O2... 0 2.2ISOTOPIES (00/01)OTHER ANALYTICAL DATA... MOST OF THE SMALL SPRINGS RELEASE CONSIDERABLE GAS.
QUALIFICATION FIELD..... O2 = O2 + AR.REFERENCE AND IDENTIFICATIONCOMPILED BY..... TESHIN, VICTOR
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... MARINER AND OTHERS, 1977A

RECORD 00407

GEOTHERM FILE ID: 0017543

GEOTHERM SAMPLE FILENAME OF SAMPLE SOURCE... MECHAM, EDNA
WELL/SPRING NUMBER..... (C-25- 4)138C-1
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 25S 004W 13 SW OF NW SW
COUNTY..... SEVIER
GEOLOGIC PROVINCE..COORDINATESLAT/LONG... 38-37.26 N 112-11.02 W
UTM ZONE... +12
NORTHING... 4275192.
395795.

MAP REFERENCE..... MONROE 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1956/07/23
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 22.
 DISCHARGE..... E 19. L/MIN
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CARPENTER AND YOUNG, 1963

RECORD 00408

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017542

NAME OF SAMPLE SOURCE... MONROE (COOPER) HOT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES 25S 003W 10 NW OF NW
 STATE..... UTAH
 COUNTY..... SEVIER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-38.10 N 112-06.42 W
 UTM ZONE... +12
 NORTHING... 4276647.
 403649.

MAP REFERENCE..... MONROE 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1966/05/17
 TEMPERATURE (C)..... 42.2
 DISCHARGE..... E 22.7 L/MIN

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE... 4000.
 TOTAL DISSOLVED SOLIDS... 2680.
 ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3....		LI....	0.51		
AL....	0.004	CR....	L 0.0014	MG....	17.		
AS....		CS....		MN....	L 0.0014		
AU....		CU....	L 0.0014	MO....	0.0012		
B....	2.6	F....	2.8	NA....	578.	SI02.	52.
BE....	L 0.00057	FE(TOT).	0.0051	NB....		S04...	932.
BI....	L 0.00029	GA....	L 0.0057				
BR....	0.4	GE....	0.019	NI....	0.0009		
CA....	257.	HCO3....	309.	NO3...	0.7	TI... L	0.00057
CA+MG.		HG....		PB....	L 0.0014	V.... L	0.00029
CD....	L 0.0014	H2S....		PO4...			
CL....	625.	I....	0.03				
CO....	L 0.0014	K....	62.			ZN... L	0.0057

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00409

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017242

NAME OF SAMPLE SOURCE... MONROE (COOPER) HOT SPRINGS
 WELL/SPRING NUMBER..... (C-25-3)1000A
 LOCATION
 COUNTRY..... UNITED STATES 25S 003W 10 NE OF SE SE
 STATE..... UTAH

COORDINATES
 LAT/LONG... 38-37.98 N 112- 6.42 W
 UTM ZONE... +12

COUNTY..... SEVIER
GEOLOGIC PROVINCE..
MAP REFERENCE..... MONROE 1162500
SAMPLE DESCRIPTION AND CONDITIONS
DATE/COLLECTOR..... 1957/09/10
TEMPERATURE (C)..... 76.1

NORTHING... 4276536.
403647.

WATER ANALYSIS

PH..... 6.4
SPECIFIC CONDUCTANCE..... 4020.
TOTAL DISSOLVED SOLIDS... 2860.
CHARGE IMBALANCE (% DIFF)... 0.4

ANALYSIS IN PPM

AG....	CO3.....	LI....	1.1		
AL....	CR.....	MG....	33.		
AS....	CS.....	MN....	0.1		
B....	F.....	NA....	555.	SI02.	54.
RE....	FE(TOT)..	NB....		504..	833.
CA....	HCO3.....	NO3..	N		
CL....					
CO....	K.....				

ISOLOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... CARPENTER AND YOUNG, 1963

GEOTHERM SAMPLE FILE

RECORD 00410

NAME OF SAMPLE SOURCE... MONROE (COOPER) HOT SPRINGS
WELL/SPRING NUMBER..... (C-25- 3)1000A

GEOTHERM FILE ID: J017241

LOCATION

COUNTRY..... UNITED STATES
STATE..... UTAH
COUNTY..... SEVIER
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

25S 003W 10 NE OF SE SE

COORDINATES

LAT/LONG... 38-38.04 N 112-10.02 W
UTM ZONE... +12
NORTHING... 4276601.
398425.

MAP REFERENCE..... MONROE 1162500
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/07/23
TEMPERATURE (C)..... 76.0
DISCHARGE..... E 151. L/MIN

WATER ANALYSIS

PH..... 7.6
SPECIFIC CONDUCTANCE..... 4100.
TOTAL DISSOLVED SOLIDS... 2700.
CHARGE IMBALANCE (% DIFF)... 2.8

ANALYSIS IN PPM

AG....	CO3.....	LI....	4.8		
AL....	CR.....	MG....	34.		
AS....	CS.....	MN....	0.02		
B....	F.....	NA....	562.	SI02.	54.
RE....	FE(TOT)..	NB....		504..	898.
CA....	HCO3.....	NO3..	N		
CL....					
CO....	K.....				

ISOLOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CARPENTER AND YOUNG, 1963

RECORD 00411

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002965

NAME OF SAMPLE SOURCE... MONROE (COOPER) HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 25S 003W 15 NE

COORDINATES
 LAT/LONG... 38-37.94 N 112-06.38 W

STATE..... UTAH
 COUNTY..... SEVIER
 MAP REFERENCE..... MONROE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 61.0
 DISCHARGE..... E 500. L/MIN

DEPOSITS OR ALTERATION.... EXTENSIVE TRAVERTINE TERRACE PARTIALLY DESTROYED BY TRENCHING TO "INCREASE" WATER FLOW.

OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS AND SEEPS.

WATER ANALYSIS

PH..... 0 7.
 ALKALINITY..... 405. AS HCO3
 TOTAL DISSOLVED SOLIDS... 3004.
 CHARGE IMBALANCE (% DIFF)... 2.0

ANALYSIS IN MG/L

AG....	CO3....	LI... 0.64	S....		
AL....	CR....	MG... 38.	SB...		
AS....	CS.... L 0.1	MN... 0.11			
AU....	CU.... L 0.01				
B.... 2.9	F.... 2.6	NA... 580.	SI02.	59.	
HE....	FE(TOT). L 0.02	NB...	SO4..	900.	
HR....	GE....	NI... L 0.02			
CA.... 300.	HCO3.... 405.	PB... N			
CA+MG.	MG.....				
CD.... N					
CL.... 650.					
CO.... N	K..... 52.	RB... 0.2	ZN...	0.01	

ISOTOPIES (0/00)

DEL D OF WATER..... -127.3
 DEL O(18) OF WATER... -16.68

QUALIFICATION FIELD..... PH APPROXIMATE DUE TO METER INSTABILITY.

REFERENCE AND IDENTIFICATION

COMPILED BY..... TESHIN, VICTOR
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER AND OTHERS, 1977A

RECORD 00412

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017247

NAME OF SAMPLE SOURCE... MONROE (COOPER) HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 25S 003W 15 NE

COORDINATES
 LAT/LONG... 38-37.94 N 112-06.40 W
 UTM ZONE... +12
 NORTHING... 4275987.
 403205.

STATE..... UTAH
 COUNTY..... SEVIER
 GEOLOGIC PROVINCE..

MAP REFERENCE..... MONROE 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/03
 TEMPERATURE (C)..... 36.1

WATER ANALYSIS

ISOTOPES (00/0)

ANALYSIS IN VOLUME %
 CH4.. 0.3
 C2H6..
 CO2.. 57.
 N2... 39.
 O2... 0 3.

QUALIFICATION FIELD..... GAS ANALYSIS: 02 = 02 + AR
 REFERENCE AND IDENTIFICATION

COMPILED BY..... TESHIN, VICTOR
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER AND OTHERS, 1977A

RECORD 00414

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002966

NAME OF SAMPLE SOURCE... RED HILL HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 25S 003W 11 SW

LAT/LONG... 38-38.34 N 112-05.88 W

STATE..... UTAH

COUNTY..... SEVIER

MAP REFERENCE..... MONROE 1162500

OTHER LOCALITY INFORMATION: APPROXIMATELY 0.8 KM NORTH OF MONROE HOT SPRINGS.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 76.5

DEPOSITS OR ALTERATION... TRAVERTINE TERRACE.

OTHER SAMPLE INFORMATION.. SPRINGS ISSUE FROM A RANGE-FRONT FAULT.

MAJOR ANALYSIS

PH..... 6.25
 ALKALINITY..... 416. AS HCO3
 TOTAL DISSOLVED SOLIDS... 3019.

ANALYSIS IN MG/L

AG....		CO3.....		LI... 0.72	S....		
AL.... 0.005		CR.....		MG... 34.	SB....		
AS....		CS..... 0.1		MN... 0.07			
AU....		CU..... 0.01					
B.... 2.8		F..... 2.8		NA... 590.	SI02.. 58.		
BE....		FE(TOT).. 0.86		NB... 0.42	SO4... 890.		
BI....		GA.....		NH4... 0.42			
BR....		GE.....		NI... L 0.02			
CA.... 290.		HCO3..... 416.					
CA+MG.		HG..... 0.0002		PB... N			
CD.... N							
CL.... 660.							
CO.... N		K..... 60.		RB... 0.26	ZN... 0.03		

ISOTOPES (0/00)

DEL D OF WATER..... -127.3
 DEL O(18) OF WATER... -16.95

REFERENCE AND IDENTIFICATION

COMPILED BY..... TESHIN, VICTOR
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER AND OTHERS, 1977A

RECORD 00415

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017248

NAME OF SAMPLE SOURCE... RED HILL HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 25S 003W 11 NE OF SW

LAT/LONG... 38-38.34 N 112-05.88 W

STATE..... UTAH

UTM ZONE... 12

COUNTY..... SEVIER

NORTHING... 4276754.

GEOLOGIC PROVINCE..

403998.

MAP REFERENCE..... MONROE 1162500
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1957/09/11
 TEMPERATURE (C)..... 0 76.1
 DISCHARGE..... E 567.8 L/MIN
 DEPOSITS OR ALTERATION.... TUFA MOUND 600' LONG, 200-300' WIDE, 50' HIGH.
 PERTINENT LITHOLOGY..... SPRING ISSUES FROM SEVIER FAULT.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 4070.
 CHARGE IMBALANCE (% DIFF)... 0.5

ANALYSIS IN PPM

AG....	CO3.....	LI... 0.9		
AL....	CR.....	MG... 34.		
B..... 3.4	F.....	NA... 618.	SI02.	83.
BE....	FE(TQT).	NB... 504..	S04..	965.
CA.... 240.	HCO3.... 256.			
CL.... 660.				
CO....	K..... 53.			

ISOTOPIES (0/00)

QUALIFICATION FIELD..... CARPENTER AND YOUNG (1963) REPORTED TEMP. OF 76.1 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00416

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017541

NAME OF SAMPLE SOURCE... RED HILL HOT SPRINGS

WELL/SPRING NUMBER..... (C-25- 3)11CAC-S1

LOCATION

TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 25S 003W 11 SW OF NE SW
 STATE..... UTAH
 COUNTY..... SEVIER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-38.34 N 112-05.88 W
 UTM ZONE... +12
 NORTHING... 4276749.
 404433.

MAP REFERENCE..... MONROE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/05/02
 TEMPERATURE (C)..... 76.7
 DISCHARGE..... E 151. L/MIN

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 4100.
 TOTAL DISSOLVED SOLIDS... 2630.

ANALYSIS IN PPM

AG....	CO3.....	LI... 0.57		
AL.... 0.006	CR..... L 0.0014	MG... 34.		
AS....	CS.....	MN... L 0.0014		
AU....	CU..... L 0.0014	MO... 0.0012		
B..... 2.7	F..... 2.8	NA... 597.	SI02.	51.
BE.... L 0.00057	FE(TQT).	NB... 504..	S04..	928.
BI.... L 0.00029	GA..... L 0.0057			
BR.... 0.3	GE..... 0.016	NI... 0.0011		
CA.... 20.	HCO3.... 158.	NO3.. 0.3	TI... L 0.00057	
CA+MG.	HG.....	PB... L 0.0014		
CD.... L 0.0014	H2S.....	PO4..	V.... L 0.00029	

ISOTOPIES (0/00)

CL.... 665. I..... 0.06
 CO.... L 0.0014 R..... 66.
 ZN... L 0.0057

REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00417

GEOHERM SAMPLE FILENAME OF SAMPLE SOURCE... RICHFIELD WARM SPRINGS GEOHERM FILE ID: U017540

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** 23S 003W 26 SW OF NE **COORDINATES**
 STATE..... UTAH **LAT/LONG...** 38-46.43 N 112-05.74 W
 COUNTY..... SEVIER **UTM ZONE...** +12
 GEOLOGIC PROVINCE.. J6 **NORTHING...** 4292395.
 MAP REFERENCE..... RICHFIELD 1162500 **404621.**
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1966/06/06
 TEMPERATURE (C)..... 22.2
 DISCHARGE..... E 2650. L/MIN
 PERTINENT LITHOLOGY..... SPRINGS ISSUE AT A FAULT CONTACT BETWEEN ALLUVIUM AND TERTIARY SANDSTONES IN THE ELSINORE
 FAULT ZONE.

OTHER SAMPLE INFORMATION.. SPRINGS MAIN SOURCE OF MUNICIPAL WATER SUPPLY FOR RICHFIELD.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 551.
 TOTAL DISSOLVED SOLIDS... 307.
 CHARGE IMBALANCE (% DIFF)... 4.2

ANALYSIS IN PPM

AG....	CO3.....	4.	LI...	0.04	ISOTOPES (0/00)	
AL....	CR.....		MG...	35.		
B.... 0.04	F.....	0.3	NA...	15.	SI02.	11.
HE....	FE(TOT).		NB...		S04..	29.
HR.... 0.1						
CA.... 51.	HCO3...	280.	NO3..	0.1		
CL.... 20.	I.....	0.01				
CO....	K.....	3.2				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00418

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RICHFIELD WARM SPRINGS

GEOHERM FILE ID: U017539

WELL/SPRING NUMBER..... (C-23- 3)26ACA

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** 23S 003W 26 NE OF SW NE **COORDINATES**
 STATE..... UTAH **LAT/LONG...** 38-46.43 N 112-05.74 W
 COUNTY..... SEVIER **UTM ZONE...** +12
 GEOLOGIC PROVINCE.. J6 **NORTHING...** 4292395.
 MAP REFERENCE..... RICHFIELD 1162500 **404621.**
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/07/30
 TEMPERATURE (C)..... 20.
 DISCHARGE..... 5299. L/MIN
 OTHER SAMPLE INFORMATION.. NEAR FAULT ZONE.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 548.
 TOTAL DISSOLVED SOLIDS... 310.
 CHARGE IMBALANCE (% DIFF)... 0.8

ANALYSIS IN PPM

AG....	CO3....	LI....	0.5	<u>ISOTOPES (0/00)</u>	
AL....	CR....	MG....	38.		
AS....	CS....	MN....	0.01		
H....	F....	NA....	12.	SI02..	14.
BE....	FE(TQT)..	NB....	0.04	S04..	27.
CA....	HCO3....	NO3..	0.8		
CL....					
CO....	K....				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CARPENTER AND YOUNG, 1963

RECORD 00419

GEOHERM SAMPLE FILE

GEOHERM FILE ID# 0017239

NAME OF SAMPLE SOURCE... TOWN OF REDMOND
 WELL/SPRING NUMBER..... (C-21- 1111ADA-1)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 21S 001W 11 NE OF SE NE
 STATE..... UTAH
 COUNTY..... SEVIER
 GEOLOGIC PROVINCE.. 36
 MAP REFERENCE..... SALINA 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

LAT/LONG... 38-59.8 N 111-52.25 W
 UTM ZONE... +12
 NORTHING... 4316705.
 424834.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/08/27
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 12.5
 DISCHARGE..... 45.4 L/MIN

WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 1040.
 TOTAL DISSOLVED SOLIDS... 599.
 CHARGE IMBALANCE (% DIFF)... 0.8

ANALYSIS IN PPM

AG....	CO3....	LI....	0.6	<u>ISOTOPES (0/00)</u>	
AL....	CR....	MG....	19.		
AS....	CS....	MN....	N		
H....	F....	NA....	144.	SI02..	40.
BE....	FE(TQT)..	NB....	0.03	S04..	95.
CA....	HCO3....	NO3..	158.		
CL....			0.7		
CO....	K....				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CARPENTER AND YOUNG, 1963

RECORD 00420

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017159

NAME OF SAMPLE SOURCE... (UNNAMED SPRING)
 WELL/SPRING NUMBER..... (U- 1- 4)JJAAA-S1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01S 004E 33 NE OF NE, NE
 STATE..... UTAH
 COUNTY..... SUMMIT
 GEOLOGIC PROVINCE.. 37
 MAP REFERENCE..... PARK CITY 1124000

LAT/LONG... 40-41.82 N 111-29.59 W
 UTM ZONE... +12
 NORTHING... 4505029,
 458178.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/06/00
 TEMPERATURE (C)..... 21.0
 DISCHARGE..... E 189. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1970

RECORD 00421

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017498

NAME OF SAMPLE SOURCE... ASARCO

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01S 003W 17 SW OF NW
 STATE..... UTAH
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE..

LAT/LONG... 40-43.68 N 112-12.06 W
 UTM ZONE... +12
 NORTHING... 4509045,
 398576.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/06/17
 TEMPERATURE (C)..... 29.5
 WELL DEPTH (M)..... 153.
 DISCHARGE..... 11356.

WATER ANALYSIS

PH..... 6.9
 SPECIFIC CONDUCTANCE..... 17600.
 TOTAL DISSOLVED SOLIDS... 10800.
 CHARGE IMBALANCE (% DIFF)... 0.4
 ANALYSIS IN MG/L

ISOTOPIES (0/001)

AL....	CR.....	MG... 103.		
B....	F..... 0.6	NA... 3670.	SI02.. 17.	
BE....	FE(TOT).. 0.1	NB... 504..	SO4... 148.	
CA.... 321.	HCO3.... 325.	NO3.. 8.7		
CL.... 6280.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00422

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ASARCO

GEO THERM FILE ID: 0017499

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. 35

TOWNSHIP-RANGE

01S 003W 17 SW OF NW

COORDINATES

LAT/LONG... 40-43.68 N 112-12.06 W
 UTM ZONE... +12
 NORTHING... 4509045.
 398576.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/06/06
 TEMPERATURE (C)..... 31.
 WELL DEPTH (M)..... 153.

WATER ANALYSIS

PH..... 6.9
 SPECIFIC CONDUCTANCE..... 16900.
 TOTAL DISSOLVED SOLIDS... 10300.
 CHARGE IMBALANCE (% DIFF)... 0.2

ANALYSIS IN MG/L

AL....	CR.....	MG...	98.		
H....	F.....	NA...	3490.	SI02.	18.
HE....	FE(TOT)...	NB...		S04..	152.
CA....	303.	MCO3....	319.	NO3..	6.4
CL....	6000.	K.....	89.		

ISOLINES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MARINE, 1960

RECORD 00423

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BERTAGNOLE

GEO THERM FILE ID: 0017194

WELL/SPRING NUMBER..... (B- 1- 912400-1)

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. 35

TOWNSHIP-RANGE

01N 009W 24 SE OF SE SW

COORDINATES

LAT/LONG... 40-47.88 N 112-48.60 W
 UTM ZONE... +12
 NORTHING... 4517587.
 347302.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/12/29
 TEMPERATURE (C)..... 23.9
 WELL DEPTH (M)..... 66.
 DISCHARGE..... 151. L/MIN

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 5190.
 TOTAL DISSOLVED SOLIDS... 3070.
 CHARGE IMBALANCE (% DIFF)... 2.2

ANALYSIS IN PPM

AG....	CO3..... N	MG...	102.		
AL....	CR.....	MN...	0.02		
AS....	CS.....				

ISOLINES (0/00)

O..... 0.46 F..... 0.8 NA... 849. SI02. 24.
 NE..... FE(TOT). 0.93 NB... S04.. 146.
 CA..... 78. HCO3..... 158. NO3.. 11.
 CL..... 1540.
 CO..... K..... 39.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND WADDELL, 1968

RECORD 00424

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RIG WARM SPRINGS

GEO THERM FILE ID: 0017351

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 007W 08.09
 STATE..... UTAH
 COUNTY..... TOOELE

COORDINATES

LAT/LONG... 40-44.70 N 112-39.90 W
 UTM ZONE... +12
 NORTING... 4511572.
 359426.

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/05/27
 TEMPERATURE (C)..... 18.3

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 13300.
 TOTAL DISSOLVED SOLIDS... 7940.
 CHARGE IMBALANCE (% DIFF)... 1.4

ANALYSIS IN MG/L

AG..... CO3..... LI... 0.67
 AL..... CR..... MG... 85.
 B..... 0.7 F..... 1. NA... 2750. SI02. 7.9
 HE..... FE(TOT). NB... S04.. 318.
 CA..... 140. HCO3..... 207. NO3.. 1.4
 CL..... 4420.

ISOTOPIES (0/001)

CO..... K..... 114.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00425

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RIG WARM SPRINGS

GEO THERM FILE ID: 0017350

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 007W 08.09
 STATE..... UTAH
 COUNTY..... TOOELE

COORDINATES

LAT/LONG... 40-44.70 N 112-39.90 W
 UTM ZONE... +12
 NORTING... 4511572.
 359426.

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/04/04

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 14300.
 TOTAL DISSOLVED SOLIDS... 8430.
 CHARGE IMBALANCE (% DIFF)... 0.9
 ANALYSIS IN MG/L

ISOTOPIES (0/001)

AL.....	CH.....	MG...	88.		
B.....	F.....	NA...	2890.	SI02.	5.5
RE.....	FE(TOT).	NB...		S04..	352.
CA..... 144.	HCO3..... 218.	NO3..	13.		
CL..... 4720.					
CO.....	K..... 103.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00426

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRINGS

GEO THERM FILE ID: 0017349

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	
STATE.....	UTAH	01S 007W	08
COUNTY.....	TOOELE		

COORDINATES

LAT/LONG...	40-44.70 N 112-39.90 W
UTM ZONE...	+12
NORTHING...	4511572.
	359426.

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/01/10
 DISCHARGE..... 10977.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 13800.
 TOTAL DISSOLVED SOLIDS... 8250.
 CHARGE IMBALANCE (% DIFF)... 0.6

ANALYSIS IN MG/L

AL.....	CR.....	MG...	81.		
B.....	F.....	NA...	2840.	SI02.	11.
RE.....	FE(TOT).	NB...		S04..	353.
CA..... 142.	HCO3..... 220.	NO3..	10.		
CL..... 4600.					
CO.....	K..... 100.				

ISOTOPE (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00427

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRINGS

GEO THERM FILE ID: 0017344

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	
STATE.....	UTAH	01S 007W	08.09
COUNTY.....	TOOELE		

COORDINATES

LAT/LONG...	40-44.70 N 112-39.90 W
UTM ZONE...	+12
NORTHING...	4511572.
	359426.

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/01/05
 DISCHARGE..... 10410.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 13700.
 TOTAL DISSOLVED SOLIDS... 8160.

CHARGE IMBALANCE (% DIFF)... 0.4

ANALYSIS IN MG/L

AG....		CO3.....		LI...	1.	<u>ISOTOPES (0/00)</u>	
AL....		CR.....		MG...	81.		
H.....	0.91	F.....		NA...	2810.	SI02.	9.5
HE....		FE(TOT).		NB...		SO4..	345.
CA....	138.	HCO3....	223.	NO3..	10.		
CL....	4550.						
CO....		K.....	106.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00428

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRINGS

GEOTHERM FILE ID: 0017343

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	
STATE.....	UTAH	01S 007W	08.09
COUNTY.....	TOOELE		

COORDINATES

LAT/LONG...	40-44.70 N 112-39.90 W
UTM ZONE...	+12
NORTHING...	4511572.
	359426.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/09/29

WATER ANALYSIS

Pi.....	7.7
SPECIFIC CONDUCTANCE....	13000.
TOTAL DISSOLVED SOLIDS...	7860.
CHARGE IMBALANCE (% DIFF)...	1.1

ANALYSIS IN MG/L

AG....		CO3..... N		LI...	1.8	<u>ISOTOPES (0/00)</u>	
AL....		CR.....		MG...	79.		
B.....	0.98	F.....	0.2	NA...	2730.	SI02.	10.
HE....		FE(TOT).		NB...		SO4..	327.
CA....	136.	HCO3....	214.	NO3..	13.		
CL....	4360.						
CO....		K.....	97.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00429

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRINGS

GEOTHERM FILE ID: 0017348

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	
STATE.....	UTAH	01S 007W	08.09
COUNTY.....	TOOELE		

COORDINATES

LAT/LONG...	40-44.70 N 112-39.90 W
UTM ZONE...	+12
NORTHING...	4511572.
	359426.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/10/11

DISCHARGE..... 3785.

WATER ANALYSIS

P4..... 7.7
 SPECIFIC CONDUCTANCE..... 13500.
 TOTAL DISSOLVED SOLIDS..... 8090.
 CHARGE IMBALANCE (% DIFF).... 0.2
 ANALYSIS IN MG/L

AL.....	CR.....	MG...	77.	<u>ISOTOPES (0/00)</u>	
H.....	F.....	NA...	2800.	SI02.	9.
HE.....	FE(TOT).	NB...		S04..	345.
CA..... 139.	HCO3..... 205.	NO3..	10.		
CL..... 4510.					
CO.....	K..... 93.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00430

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRINGS

GEOTHERM FILE ID: 0017347

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... TOOELE

TOWNSHIP-RANGE

01S 007W 08.09

COORDINATES

LAT/LONG... 40-44.70 N 112-39.90 W
 UTM ZONE... +12
 NORTHING... 4511572.
 359426.

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/10/01
 DISCHARGE..... 10220.

WATER ANALYSIS

P4..... 8.
 SPECIFIC CONDUCTANCE..... 13800.
 TOTAL DISSOLVED SOLIDS..... 8210.
 CHARGE IMBALANCE (% DIFF).... 0.7
 ANALYSIS IN MG/L

AL.....	CR.....	MG...	73.	<u>ISOTOPES (0/00)</u>	
H.....	F.....	NA...	2830.	SI02.	15.
HE.....	FE(TOT).	NB...		S04..	349.
CA..... 146.	HCO3..... 194.	NO3..	9.7		
CL..... 4590.					
CO.....	K..... 98.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00431

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRINGS

GEOTHERM FILE ID: 0017346

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... TOOELE

TOWNSHIP-RANGE

01S 007W 08.09

COORDINATES

LAT/LONG... 40-44.70 N 112-39.90 W
 UTM ZONE... +12
 NORTHING... 4511572.
 359426.

GEOLOGIC PROVINCE..SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/07/08

DISCHARGE..... 12113.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 13200.
 TOTAL DISSOLVED SOLIDS... 8060.
 CHARGE IMBALANCE (% DIFF)... 0.1

ANALYSIS IN MG/L

AL....	CR.....	MG... 73.	<u>ISOTOPIES (0/00)</u>	
H..... 0.85	F.....	NA... 2790.	SI02.	7.
HE....	FE(TOT).	NB... 504..	S04..	332.
CA.... 144.	HCO3.... 206.	NO3.. 14.		
CL.... 4500.				
CO....	K..... 99.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00432

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRINGS

GEOHERM FILE ID: 0017345

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 007W 08.09

STATE..... UTAH

COUNTY..... TOOELE

GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-44.70 N 112-39.90 W
 UTM ZONE... +12
 NORTHING... 4511572.
 359426.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/04/12

DISCHARGE..... 7949.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 14400.
 TOTAL DISSOLVED SOLIDS... 8300.
 CHARGE IMBALANCE (% DIFF)... 1.4

ANALYSIS IN MG/L

AL....	CR.....	MG... 80.	<u>ISOTOPIES (0/00)</u>	
H..... 0.95	F.....	NA... 2850.	SI02.	7.1
HE....	FE(TOT).	NB... 504..	S04..	351.
CA.... 134.	HCO3.... 174.	NO3.. 12.		
CL.... 4670.				
CO....	K..... 103.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00433

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRINGS

GEOHERM FILE ID: 0017342

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 007W 08.09

STATE..... UTAH

COUNTY..... TOOELE

GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-44.70 N 112-39.90 W
 UTM ZONE... +12
 NORTHING... 4511572.
 359426.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/09/28
DISCHARGE..... 13627.

WATER ANALYSIS

PH..... 8.8
SPECIFIC CONDUCTANCE..... 14000.
TOTAL DISSOLVED SOLIDS... 8100.
ANALYSIS IN MG/L

AG....	CO3.....	22.	<u>ISOTOPES (0/001)</u>		
AL....	CR.....		MG...	97.	
H....	F.....		NA...	2890.	SI02. 7.9
HA....	FE+3....		NA+K.		S04.. 352.
HE....	FE(TOT)..		NB...	9.7	
CA.... 102.	HCO3....	132.	NO3..		
CL.... 4550.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... MUNDORFF, 1970

RECORD 00434

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BLUE LAKE SPRING

GEOTHERM FILE 101 0017293

LOCATION

COUNTRY..... UNITED STATES
STATE..... UTAH
COUNTY..... TOOELE
GEOLOGIC PROVINCE.. 35
MAP REFERENCE..... WENDOVER SE 1124000

TOWNSHIP-RANGE

04S 019W 06 SW OF NW

COORDINATES

LAT/LONG... 40-30.12 N 114-02.28 W
UTM ZONE... +11
NORTHING... 4487362.
750748.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/09/14
TEMPERATURE (C)..... 29.

WATER ANALYSIS

ANALYSIS IN MG/L

AG....	CO3.....		LI...	1.4	
AL....	CR.....		MG...	50.	
H....	F.....		NA...	1400.	
HE....	FE(TOT)..		NB...		S04.. 200.
CA.... 200.					
CL.... 2600.					
CO....	K.....	100.			

ISOTOPES (0/001)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... TURK, 1973

RECORD 00435

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RONNEVILLE LTD DBW NO. 13

GEOTHERM FILE 101 0017288

WELL/SPRING NUMBER..... (C- 1-19123CBC-1)

LOCATION

COUNTRY..... UNITED STATES
STATE..... UTAH
COUNTY..... TOOELE

TOWNSHIP-RANGE

01S 019W 23 SW OF NW SW

COORDINATES

LAT/LONG... 40-43.35 N 113-58.74 W
UTM ZONE... +12
NORTHING... 4511955.

248388.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... SILSREE 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/09/13
 TEMPERATURE (C)..... 24.5
 WELL DEPTH (M)..... 456.

WATER ANALYSIS

ANALYSIS IN MG/L

AG.....	CO3.....	LI....	8.8		
AL.....	CR.....	MG....	1540.		
H.....	F.....	NA....	50800.		
HE.....	FE(TOT).	NB....		504..	6840.
CA..... 1650.					
CL..... 80300.					
CO.....	K.....				2210.

ISOTOPIES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1974A

RECORD 00436

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RONNEVILLE LTD. #13
 WELL/SPRING NUMBER..... (C- 1-19)2A08-1

GEO THERM FILE ID: 0017397

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 019W 02 NW OF SE NE
 STATE..... UTAH
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 40-46.32 N 113-57.86 W
 UTM ZONE... 12
 NORTHING... 4517466.
 249758.

MAP REFERENCE..... TETZLAFF PEAK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/03/29
 TEMPERATURE (C)..... 24.5
 WELL DEPTH (M)..... 69.
 DISCHARGE..... E 2271. L/MIN

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE... 10200.
 TOTAL DISSOLVED SOLIDS... 5700.
 CHARGE IMBALANCE (% DIFF)... 4.3

ANALYSIS IN MG/L

AG.....	CO3..... N	MG....	63.		
AL.....	CR.....	MN....	0.02		
AS.....	CS.....	NA....	2000.	SI02.	42.
B.....	F..... 1.8	NB....		504..	190.
HE.....	FE(TOT). 0.01				
CA..... 79.	HCO3.... 212.	NU3..	N		
CL..... 3100.					
CO.....	K.....				120.

ISOTOPIES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1974A

RECORD 00437

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017396

NAME OF SAMPLE SOURCE... BONNEVILLE LTD. #24
WELL/SPRING NUMBER... (B- 1-18)29CCC-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01N 018W 29 SW OF SW SW
STATE..... UTAH
COUNTY..... TOOELE
GEOLOGIC PROVINCE.. 35
MAP REFERENCE..... TETZLAFF PEAK 112400V

COORDINATES

LAT/LONG... 40-47.54 N 113-56.07 W
UTM ZONE... +12
NORTHING... 4519488.
252446.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/03/29
TEMPERATURE (C)..... 28.
WELL DEPTH (M)..... 51.
DISCHARGE..... E 95. L/MIN

MAJER ANALYSIS

PH..... 7.7
SPECIFIC CONDUCTANCE... 11000.
TOTAL DISSOLVED SOLIDS... 6260.
CHARGE IMBALANCE (% DIFF)... 5.1

ANALYSIS IN MG/L

AG....		CO3..... N							
AL....		CR.....	MG...	71.					
AS....		CS.....	MN...	0.01					
B....	0.96	F.....	1.4	NA...	2200.	SI02.	41.		
HE....		FE(TOT)..	0.03	NB...		SO4...	240.		
CA....	91.	HCO3....	180.	NO3... N					
CL....	3400.								
CO....		K.....	130.						

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... STEPHENS, 1974A

RECORD 00438

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017286

NAME OF SAMPLE SOURCE... BONNEVILLE LTD. NO. 5
WELL/SPRING NUMBER... (C- 1-19)1URAC-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 019W 10 SW OF NE NW
STATE..... UTAH
COUNTY..... TOOELE
GEOLOGIC PROVINCE.. 35
MAP REFERENCE..... TETZLAFF PEAK 1124000

COORDINATES

LAT/LONG... 40-45.60 N 113-59.48 W
UTM ZONE... +12
NORTHING... 4516436.
247357.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/09/08
TEMPERATURE (C)..... 31.
WELL DEPTH (M)..... 66.
DISCHARGE..... 1893. L/MIN

MAJER ANALYSIS

ANALYSIS IN MG/L

AG....		CO3.....	LI...	1.2					
AL....		CH.....	MG...	80.					

ISOTOPES (0/00)

H..... F..... NA... 2100.
 HE..... FE(TOT). NB... 504.. 300.
 CA..... 100.
 CL..... 3700.
 CO..... K..... 100.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1974A

RECORD 00439

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017289

NAME OF SAMPLE SOURCE... RONNEVILLE, LTD, BW NO. 8
 WELL/SPRING NUMBER..... (C- 1-19)34HDC-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 01S 019W 34 SW OF SE NW LAT/LONG... 40-41.83 N 113-59.51 W
 COUNTY..... TOOELE UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4509553.
 MAP REFERENCE..... SILSBEE 1124000 247122.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/09/13
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 319.
 OTHER SAMPLE INFORMATION.. CHEM PROBABLY APPLIES TO (C-2-19) 3BCD, TURKIP50, DBW7IP55, DBWB

WATER ANALYSISANALYSIS IN MG/L

AG.....	CO3.....	LI... 18.			
AL.....	CR.....	MG... 1540.			
H.....	F.....	NA... 45400.			
HE.....	FE(TOT).	NB... 504.. 6590.			
CA..... 1760.					
CL..... 76800.					

ISOTOPIES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... STEPHENS, 1974A

RECORD 00440

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017285

NAME OF SAMPLE SOURCE... BUREAU OF LAND MANAGEMENT (KAISEH FW20)
 WELL/SPRING NUMBER..... (B- 1-18)31ACC-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 01N 018W 31 SW OF SW NE LAT/LONG... 40-47.2 N 113-56.67 W
 COUNTY..... TOOELE UTM ZONE... +12
 GEOLOGIC PROVINCE.. JS NORTHING... 4518961.
 MAP REFERENCE..... TETZLAFF PEAK 1124000 251583.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/12/16
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 90.
 DISCHARGE..... 568. L/MIN

OTHER SAMPLE INFORMATION.. WATER AT LAND SURFACE, 3/29/72.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LINES, 1978

RECORD 00441

GEOTHERM FILE ID: 0017398

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BUREAU OF LAND MANAGEMENT (KAISER K65)
 WELL/SPRING NUMBER..... (C- 2-17)4AAC-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 02S 017W 04 SW OF NE NE
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SALDUNG 1124000

COORDINATES

LAT/LONG... 40-41.22 N 113-46.4 W
 UTM ZONE... +12
 NORTHING... 4507491.
 265920.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/09/28
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 5.8
 DISCHARGE..... 12. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 196000.
 CHARGE IMBALANCE (% DIFF)... 1.8
 ANALYSIS IN MG/L

AG....	CO3.....	LI....	16.
AL....	CR.....	MG....	980.
B.... 1.5	F.....	NA....	70000.
HE....	FE(TOT).	NB....	504.. 3600.
BR.... 8.4	HC03....		
CA.... 1200.			
CL.... 110000.			
CO....	K.....		1900.

ISOTOPES (0/00)

 REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LINES, 1978

RECORD 00442

GEOTHERM FILE ID: 0017161

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CASSITY, E.
 WELL/SPRING NUMBER..... (C- 2- 5)13RCA-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 02S 005W 13 NE OF SW NW
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. JS
 MAP REFERENCE..... MILLS JUNCTION 1124000

COORDINATES

LAT/LONG... 40-38.82 N 112-22.00 W
 UTM ZONE... +12
 NORTHING... 4500258.
 384502.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/05/05
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 1079.
 OTHER SAMPLE INFORMATION.. OIL TEST

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1948/01/30
 TEMPERATURE (C)..... 43.
 WELL DEPTH (M)..... 366.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TURK, 1973

RECORD 00445

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DBW NO.3

GEO THERM FILE ID: 0017292

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 02S 019W 24 NE OF SW
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 40-38.28 N 113-57.24 W
 UTM ZONE... +12
 NORTING... 4502558.
 250186.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 88.
 WELL DEPTH (M)..... 630.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... TURK, 1973

RECORD 00446

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DESERET LIVESTOCK

GEO THERM FILE ID: 0017205

WELL/SPRING NUMBER..... (C- 3- 8)2100B-S1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 03S 008W 21 NW OF SE SE
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 40-32.22 N 112-44.82 W
 UTM ZONE... +12
 NORTING... 4488617.
 352044.

MAP REFERENCE..... TIMPIE 1162500SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/07/23
 TEMPERATURE (C)..... 23.9
 DISCHARGE..... E 38. L/MIN

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 238.
 TOTAL DISSOLVED SOLIDS... 137.
 CHARGE IMBALANCE (% DIFF)... 8.7

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	5.4	
AS....		CS.....	MN...	0.1	
B....	0.42	F.....	NA...	14.	
BE....		FE(TOT)..	SI02..	11.	
CA....	23.	HCO3....	SO4..	14.	
CL....	26.				
CO....		K.....			

ISOLOPES (0/00)REFERENCE AND IDENTIFICATION

GEOTHERM SAMPLE FILE

RECORD 00450

NAME OF SAMPLE SOURCE... HAMMOND, C.
 WELL/SPRING NUMBER..... (C- 1- 8)6ABC-1
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... DELLE 1124000

GEOTHERM FILE ID: 0017199

COORDINATES
 LAT/LONG... 40-45.9 N 112-47.28 W
 UTM ZONE... +12
 NORTHING... 4513775.
 349081.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/11/00
 TEMPERATURE (C)..... 26.6
 WELL DEPTH (M)..... 20.
 DISCHARGE..... 38. L/MIN
 OTHER SAMPLE INFORMATION.. WATER REPORTED SALINE

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND MADDELL, 1968

GEOTHERM SAMPLE FILE

RECORD 00451

NAME OF SAMPLE SOURCE... KAISER DBW B
 WELL/SPRING NUMBER..... (C- 2-19)3BCU-1
LOCATION
 COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SILSREE 1124000

GEOTHERM FILE ID: 0017297

COORDINATES
 LAT/LONG... 40-40.99 N 113-59.67 W
 UTM ZONE... +12
 NORTHING... 4507563.
 246800.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/11/12
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 326.
 OTHER SAMPLE INFORMATION.. TURKIP 50, DBW2IP 56, DBW7 ANALYSIS SHIFTED FR. SEC. 34 TO 33(TURK- ERROR).

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 136000.

ANALYSIS IN MG/L

AG.....	CO3.....	LI... 21.
AL.....	CR.....	MG... 1500.
H..... 13.	F.....	NA... 47000.
HE.....	FE(TOT).	NB... 504.. 5600.
HR..... 33.		
CA... 1600.	HCO3... 135.	
CL... 77000.		
CO... 2100.		

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LINES, 1978

GEOHERM SAMPLE FILE

RECORD 00452

NAME OF SAMPLE SOURCE... KAISEN DBW 9
WELL/SPRING NUMBER..... (C- 1-19)35BCD-1

GEOHERM FILE ID: 0017296

LOCATION

COUNTRY..... UNITED STATES
STATE..... UTAH
COUNTY..... TOOELE

TOWNSHIP-RANGE

01S 019W 3S SE OF SW NW

COORDINATES

LAT/LONG... 40-41.94 N 113-58.56 W
UTM ZONE... +12
NORTHING... 4509393.
248555.

GEOLOGIC PROVINCE..

MAP REFERENCE..... SILSREE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/01/14

TEMPERATURE (C)..... 30.

WELL DEPTH (M)..... 432.

DISCHARGE..... 0 4542. L/MIN

QUALIFICATION FIELD..... PUMPED

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... LINES, 1978

GEOHERM SAMPLE FILE

RECORD 00453

NAME OF SAMPLE SOURCE... KAISEN FW7A

WELL/SPRING NUMBER..... (C- 1-19)30DC-1

GEOHERM FILE ID: 0017295

LOCATION

COUNTRY..... UNITED STATES
STATE..... UTAH
COUNTY..... TOOELE

TOWNSHIP-RANGE

01S 019W 03 SW OF SE SE

COORDINATES

LAT/LONG... 40-45.82 N 113-58.98 W
UTM ZONE... +12
NORTHING... 4516621.
248462.

GEOLOGIC PROVINCE..

MAP REFERENCE..... TETZLAFF PEAK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/05/16

TEMPERATURE (C)..... 24.

WELL DEPTH (M)..... 52.

DISCHARGE..... 3785. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... LINES, 1978

GEOHERM SAMPLE FILE

RECORD 00454

NAME OF SAMPLE SOURCE... KAISEN WELL DBW 1

WELL/SPRING NUMBER..... (C- 1-19)34HDC-1

GEOHERM FILE ID: 0017290

LOCATION

COUNTRY..... UNITED STATES
STATE..... UTAH
COUNTY..... TOOELE

TOWNSHIP-RANGE

01S 019W 34 SW OF SE NW

COORDINATES

LAT/LONG... 40-41.83 N 113-59.51 W
UTM ZONE... +12
NORTHING... 4509553.
247122.

GEOLOGIC PROVINCE..

MAP REFERENCE..... SILSREE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/00/00
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 319.
 DISCHARGE..... 0 4807. L/MIN
 QUALIFICATION FIELD..... PUMPED
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... LINES, 1978

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... KENNECOTT COPPER CORP.
 WELL/SPRING NUMBER..... (C- 2- 4)2CBA-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 02S 004W 09 SW OF SE NW
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. JS

RECORD 00455
 GEOTHERM FILE ID: 0017160
 1

MAP REFERENCE..... MILLS JUNCTION 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS

COORDINATES
 LAT/LONG... 40-39.6 N 112-17.8 W
 UTM ZONE... +12
 NORTHING... 4501187.
 389083.

DATE/COLLECTOR..... 1963/02/28
 TEMPERATURE (C)..... 30.0
 WELL DEPTH (M)..... 209.

OTHER SAMPLE INFORMATION.. WELL IS PERFORATED AT DEPTHS OF 550 FT. AND 620 FT.

MAJOR ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE... 5200.
 TOTAL DISSOLVED SOLIDS... 2780.

ANALYSIS IN PPM

AG....	CO3..... N			
AL....	CR.....	MG...	44.	
B....	F.....	NA...		
BA....	FE+3....	NA+K..	894.	5102. 30.
BE....	FE(TOT)..	NB...		
CA.... 112.	HCO3.... 231.	NO3...	504..	66.
CL.... 1520.				

ISOTOPE (0/00)

REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GATES, 1963

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... LEMMON, NELDO
 WELL/SPRING NUMBER..... (C- 2- 5)348CA-3
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 02S 005W 34 NE OF SW NW
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. JS
 MAP REFERENCE..... GRANTSVILLE 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

RECORD 00456
 GEOTHERM FILE ID: 0017162

COORDINATES
 LAT/LONG... 40-36.1 N 112-24.30 W
 UTM ZONE... +12
 NORTHING... 4495869.
 381133.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/09/26
 TEMPERATURE (C)..... 22.7
 WELL DEPTH (M)..... 98.
 DISCHARGE..... 757. L/MIN

WATER ANALYSIS

P.H..... 7.6
 SPECIFIC CONDUCTANCE..... 5600.

ANALYSIS IN PPM

AG..... CO3..... N
 CA..... HCO3..... 208.
 CL..... 1700.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GATES, 1963

RECORD 00457

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MORGANS WARM SPRING

GEOTHERM FILE ID: 0017642

WELL/SPRING NUMBER..... (C- 5- 519CBA-S1)

LOCATIONCOUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 05S 005W 09 NE OF NW SWCOORDINATES

LAT/LONG... 40-23.8 N 112-24.2 W
 UTM ZONE... +12
 NORTHING... 4472691.
 379406.

COUNTY..... TOUELE

GEOLOGIC PROVINCE..

MAP REFERENCE..... STOCKTON 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/09/22
 TEMPERATURE (C)..... 24.
 DISCHARGE..... 3785. L/MIN

WATER ANALYSIS

P.H..... 8.
 SPECIFIC CONDUCTANCE..... 981.
 TOTAL DISSOLVED SOLIDS... 594.
 CHARGE IMBALANCE (% DIFF)... 1.1

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... CR.....
 AS..... CS..... MG... 24.
 H..... 0.17 F..... 1. MN... 0.02
 HE..... FE(TOT)... 0.88 NA... 110. 5102. 20.
 CA..... 58. HCO3..... 174. NB... 504.. 90.
 CL..... 179. NO3.. 0.4
 CO..... K..... 11.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND OTHERS, 1969

RECORD 00458

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MORGANS WARM SPRING

GEOTHERM FILE ID: 0017643

WELL/SPRING NUMBER..... (C- 5- 519CBA-S1)

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** **COORDINATES**
 STATE..... UTAH 05S 005W 09 NE OF NW SW LAT/LONG... 40-23.8 N 112-24.2 W
 COUNTY..... TOOLE UTM ZONE... +12
 GEOLOGIC PROVINCE.. JS NORTHING... 4472691.
 MAP REFERENCE..... STOCKTON 1162500 379406.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1967/07/18
 TEMPERATURE (C)..... 26.7
 DISCHARGE..... R 2839. L/MIN
 PERTINENT LITHOLOGY..... SPRING ISSUES FROM QUATERNARY VALLEY FILL AT THE BASE OF AN OUTCROP OF LATE PALEZOIC ROCKS.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 1000.
 TOTAL DISSOLVED SOLIDS... 586.
 CHARGE IMBALANCE (% DIFF)... 2.2

ANALYSIS IN PPM

AG....		CO3.....		LI... 0.03			
AL....		CR.....		MG... 28.			
H.... 0.18		F..... 1.4		NA... 112.	SI02.. 19.		
HE....		FE(TOT)..		NB... 98.	S04.. 98.		
HR.... 0.3							
CA.... 48.		HC03.... 162.		NO3.. N			
CL.... 188.		I..... 0.01					
CO....		K..... 11.					

ISOTOPES (0/00)**REFERENCE AND IDENTIFICATION**

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDOOFF, 1970

RECORD 00459

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017163

NAME OF SAMPLE SOURCE... MORTENSEN, M.
 WELL/SPRING NUMBER..... (C- 2- 5)34CBC-1

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** **COORDINATES**
 STATE..... UTAH 02S 005W 34 SW OF NW SW LAT/LONG... 40-35.82 N 112-24.36 W
 COUNTY..... TOOLE UTM ZONE... +12
 GEOLOGIC PROVINCE.. JS NORTHING... 4494761.
 MAP REFERENCE..... GRANTSVILLE 1124000 381631.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/08/18
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 134.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 1580.
 TOTAL DISSOLVED SOLIDS... 889.

ANALYSIS IN PPM

AG....		CO3..... N					
AL....		CR.....		MG... 34.			
H....		F.....		NA... 204.	SI02.. 28.		
HA....		FE+3....		NA+K..	S04.. 91.		
HE....		FE(TOT)..		NH... 91.			

ISOTOPES (0/00)

CA.... 74. HCO3.... 252. NO3.. 2.1
 CL.... 332.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GATES, 1963

RECORD 00460

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017201

NAME OF SAMPLE SOURCE... NO. HURSESHOE
 WELL/SPRING NUMBER..... (C- 2- 8)26HAD-S1

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 025 008W 26 NW OF NE SE
 STATE..... UTAH
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... TIMPIE 1162500
 LAT/LONG... 40-36.85 N 112-42.51 W
 UTM ZONE... +12
 NORTHING... 4496987.
 355595.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/07/18
 TEMPERATURE (C)..... 22.7

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 7720.
 TOTAL DISSOLVED SOLIDS... 4720.
 CHARGE IMBALANCE (% DIFF)... 0.5

ANALYSIS IN PPM**ISOTOPES (0/001)**

AG....	CO3.... N				
AL....	CR.....	MG... 47.			
AS....	CS.....	MN... N			
H..... 0.39	F..... 0.2	NA... 1500.	SI02. 47.		
HE....	FE(TOT). 0.5	NB... 504..	504.. 190.		
CA.... 126.	HCO3.... 244.	NO3.. 8.7			
CL.... 2420.					
CO....	K..... 47.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND MADDELL, 1968

RECORD 00461

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017203

NAME OF SAMPLE SOURCE... REOLUM

WELL/SPRING NUMBER..... (C- 2- 9)7CH-S

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 025 009W 07 NW OF SW
 STATE..... UTAH
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... MASTINGS PASS NE 1124000
 LAT/LONG... 40-39.36 N 112-54.44 W
 UTM ZONE... +12
 NORTHING... 4502114.
 338525.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/07/19
 TEMPERATURE (C)..... 21.1
 DISCHARGE..... E 7.6 L/MIN

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 3090.
 TOTAL DISSOLVED SOLIDS... 1930.
 CHARGE IMBALANCE (% DIFF)... 0.5

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG... 96.			
AS....		CS.....	MN... N			
R.....	0.15	F.....	NA... 314.	SiO2.. 15.		
RE....		FE(TOT).. 0.01	NB... 504..	S04.. 163.		
CA....	180.	HCO3..... 232.	NO3.. 3.3			
CL....	840.					
CO....		K..... 8.2				

ISOTOPES 10/001

QUALIFICATION FIELD..... TEMPERATURE OF 15 DEG C ON 1963/10/27.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND WADDELL, 1968

RECORD 00462

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... RUSSELLS WARM SPRING
 LOCATION

GEOHEM FILE ID: 0017644

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... STOCKTON 1162500
 OTHER LOCALITY INFORMATION: RUSH VALLEY, 12 MILES SW OF TOOELE

COORDINATES

LAT/LONG... 40-23.40 N 112-25.44 W
 UTM ZONE... 12
 NORTHING... 4471807.
 379137.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/04/29
 TEMPERATURE (C)..... 21.7

DISCHARGE..... 1703.3 L/MIN

PERTINENT LITHOLOGY..... SPRINGS ISSUE FROM QUATERNARY VALLEY FILL AT BASE OF AN OUTCROP OF LATE PALEOZOIC ROCKS.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 779.
 TOTAL DISSOLVED SOLIDS... 438.
 CHARGE IMBALANCE (% DIFF)... 2.8

ANALYSIS IN PPM

AG....		CO3.....	LI... 0.03		
AL....		CR.....	MG... 21.		
H.....	0.14	F..... 1.6	NA... 73.	SiO2.. 17.	
HE....		FE(TOT)..	NB... 504..	S04.. 55.	
HR....	0.3				
CA....	51.	HCO3..... 170.	NO3.. 0.2		
CL....	124.	I..... 0.01			
CO....		K..... 11.			

ISOTOPES 10/001

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00463

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017202

NAME OF SAMPLE SOURCE... SO. HORSESHOE
WELL/SPRING NUMBER..... (C- 2- 8)26DBA-51

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 02S 008W 26 NE OF NW SE
COUNTY..... TOOELE
GEOLOGIC PROVINCE..
MAP REFERENCE..... TIMPIE 1162500

COORDINATES

LAT/LONG... 40-36.80 N 112-42.55 W
UTM ZONE... +12
NORTHING... 4496667.
354912.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/07/18
TEMPERATURE (C)..... 22.7

WATER ANALYSIS

PH..... 7.3
SPECIFIC CONDUCTANCE..... 8570.
TOTAL DISSOLVED SOLIDS... 5120.
CHARGE IMBALANCE (% DIFF)... 1.8

ANALYSIS IN PPM

AG.....	CO3..... N	<u>ISOTOPES (0/00)</u>		
AL.....	CR.....	MG... 49.		
AS.....	CS.....	MN... N		
B..... 0.4	F..... 0.7	NA... 1720.	SI02. 29.	
HE.....	FE(TOT)... 0.11	NB... 504..	227.	
CA..... 123.	MCO3.... 246.	NO3.. 6.0		
CL..... 2700.				
CO.....	K..... 59.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... HOOD AND WADDELL, 1968

RECORD 00464

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017166

NAME OF SAMPLE SOURCE... TOOELE CITY
WELL/SPRING NUMBER..... (C- 3- 4)32BHC-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 03S 004W 32 SW OF NW NW
COUNTY..... TOOELE
GEOLOGIC PROVINCE..
MAP REFERENCE..... TOOELE 1124000

COORDINATES

LAT/LONG... 40-31.16 N 112-19.80 W
UTM ZONE... +12
NORTHING... 4485445.
387492.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/12/09
TEMPERATURE (C)..... 21.7
WELL DEPTH (M)..... 219.

WATER ANALYSIS

PH..... 7.0
TOTAL DISSOLVED SOLIDS... 397.

ANALYSIS IN PPM

AG.....	CO3..... N	<u>ISOTOPES (0/00)</u>		
AL.....	CR.....	MG... 6.		
B.....	F..... 1.3	NA... 5102.	44.	

BA.... FE+3.... NA+K. 87.
 HE.... FE(TOT). 0.75 NB... 504.. 30.
 CA.... 62. HCO3.... 219. NO3.. 32.
 CL.... 93.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GATES, 1963

RECORD 00465

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017197

NAME OF SAMPLE SOURCE... UNNAMED

WELL/SPRING NUMBER..... (C- 1- 7)1580B-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01S 007W 15 NW OF SE NW

LAT/LONG... 40-43.98 N 112-37.4 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... TOOELE

NORTHING... 4510175.

GEOLOGIC PROVINCE.. 35

362863.

MAP REFERENCE..... TIMPIE 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1941/09/05

TEMPERATURE (C)..... 23.3

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 6720.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... HOOD AND WADDELL, 1968

RECORD 00466

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017200

NAME OF SAMPLE SOURCE... UNNAMED SPRING

WELL/SPRING NUMBER..... (C- 2- 8)24CC-52

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 02S 008W 24 SW OF SW

LAT/LONG... 40-37.4 N 112-42.1 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... TOOELE

NORTHING... 4497981.

GEOLOGIC PROVINCE.. 35

355868.

MAP REFERENCE..... TIMPIE 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/07/18

TEMPERATURE (C)..... 22.2

DISCHARGE..... E 95. L/MIN

WATER ANALYSIS

PH..... 7.3

SPECIFIC CONDUCTANCE..... 5810.

TOTAL DISSOLVED SOLIDS... 3490.

CHARGE IMBALANCE (% DIFF)... 1.2

ANALYSIS IN PPM

AG.... CO3.... N

AL.... CR....

AS.... CS....

MG... 46.

MN... N

ISOTOPE (O/HO)

H..... 0.3 F..... 0.1 NA... 1060. SI02. 18.
 HE..... FE(TQT). 0.53 NB... S04.. 133.
 CA..... 101. HCO3.... 183. NU3.. 2.8
 CL..... 1790.
 CO..... K..... 25.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND WADDELL, 1968

RECORD 00467

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING
 WELL/SPRING NUMBER..... (C- 1- 7)25ACC-5

GEOTHERM FILE ID: 0017198

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 007W 25 SW OF NE
 STATE..... UTAH
 COUNTY..... TOOELE

COORDINATES

LAT/LONG... 40-42.06 N 112-34.62 W
 UTM ZONE... +12
 NORTHING... 4506551.
 366768.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... TIMPIE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1941/09/05
 TEMPERATURE (C)..... 20.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 9600.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND WADDELL, 1968

RECORD 00468

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UTAH FISH AND GAME
 WELL/SPRING NUMBER..... (C- 1- 7)9CAA-51

GEOTHERM FILE ID: 0017195

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 007W 09 NE OF NE SW
 STATE..... UTAH
 COUNTY..... TOOELE
 GEOLOGIC PROVINCE... 35

COORDINATES

LAT/LONG... 40-44.6 N 111-38.3 W
 UTM ZONE... +12
 NORTHING... 4511306.
 361786.

MAP REFERENCE..... TIMPIE 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/08/27
 TEMPERATURE (C)..... 22.2

DISCHARGE..... E 114. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND WADDELL, 1968

RECORD 00469

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILSON HOT SPRINGS

GEOTHERM FILE ID: 0017464

ANALYSIS IN PPM

AG....		CO3..... N		MG...	16.			
AL....		CR.....		NA...	200.	SI02.	52.	
H.....	0.1	F.....	0.6	NB...		S04..	31.	
HE....		FE(TOT)..	0.03	NO3..	0.8			
CA....	40.	HCO3.....	206.					
CL....	295.							
CO....		K.....	19.					

ISOIOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GATES, 1963

RECORD 00471

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WORTHINGTON, J. R.

GEOHERM FILE ID: 0017164

WELL/SPRING NUMBER..... (C- 2- 6)23CBB-1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 025 006W 23 NW OF NW SW

STATE..... UTAH

LAT/LONG... 40-37.62 N 112-31.20 W

COUNTY..... TOOELE

UTM ZONE... +12

GEOLOGIC PROVINCE..

NORTHING... 4500360.

MAP REFERENCE..... TIMPIE 1162500

371478.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/05/31

TEMPERATURE (C)..... 20.0

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

DISCHARGE..... 1136. L/MIN

WATER ANALYSIS

PH..... 7.7

SPECIFIC CONDUCTANCE... 1470.

TOTAL DISSOLVED SOLIDS... 822.

ANALYSIS IN PPM

AG....		CO3..... N		MG...	16.			
AL....		CR.....		NA...		SI02.	62.	
H.....		F.....		NA+K.	231.	S04..	35.	
BA....		FE+3.....		NB...				
HE....		FE(TOT).. N		NO3..	1.9			
CA....	46.	HCO3.....	206.					
CL....	337.							

ISOIOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GATES, 1963

RECORD 00472

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... COMPOSITE AV1-9

GEOHERM FILE ID: 0017179

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 055 022E 23

LAT/LONG... 40-22.14 N 109-24.60 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... Uintah

NORTHING... 4469717.

GEOLOGIC PROVINCE..

634995.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/11/03

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 1350.
 TOTAL DISSOLVED SOLIDS... 947.
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3....	10.	MG....	36.		
AL....	CR.....		NA....	5102.	19.	
R....	F.....		NA+K.	152.		
HA....	FE+3....		NB....	504..	399.	
HE....	FE(TQT)..		NO3..	N		
CA....	HCO3....	263.				
CL....		86.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE AND FELTIS, 1962

RECORD 00473

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017180

NAME OF SAMPLE SOURCE... COMPOSITE AV2,3,4,5,7
 WELL/SPRING NUMBER..... (U- 5-22)23C8C

LOCATION

TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 05S 022E 23 SW OF NW SW
 STATE..... UTAH
 COUNTY..... UINTAH

COORDINATES

LAT/LONG... 40-21.96 N 109-25.08 W
 UTM ZONE... +12
 NORTHING... 4469367.
 634067.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... RASMUSSEN HOLLOW 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/12/07
 POINT OF COLLECTION.. AT SETTLING TANK.
 TEMPERATURE (C)..... 49.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1580.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00474

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017178

NAME OF SAMPLE SOURCE... COMPOSITE ER 1,2,4,5,6,8
 WELL/SPRING NUMBER..... (U- 5-22)26AAB

LOCATION

TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 05S 022E 26 NW OF NE NE
 STATE..... UTAH
 COUNTY..... UINTAH

COORDINATES

LAT/LONG... 40-21.66 N 109-24.33 W
 UTM ZONE... +12
 NORTHING... 4468832.
 635181.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... RASMUSSEN HOLLOW 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/12/06
 TEMPERATURE (C)..... 50.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1800.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00475

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017186

NAME OF SAMPLE SOURCE... COMPOSITE RI LACY 3 & 4
 WELL/SPRING NUMBER..... (D- 5-22)2300B
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 022E 23 NW OF SE SE
 STATE..... UTAH
 COUNTY..... Uintah
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RASMUSSEN HOLLOW 1124000

COORDINATES
 LAT/LONG... 40-21.88 N 109-24.36 W
 UTM ZONE... +12
 NORTHING... 4469279.
 635343.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/12/07
 TEMPERATURE (C)..... 53.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2700.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00476

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017185

NAME OF SAMPLE SOURCE... CRAIN, GRIFFITH, T. E. HALL 1#
 WELL/SPRING NUMBER..... (D- 5-22)23C0B
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 022E 23 NW OF SE SW
 STATE..... UTAH
 COUNTY..... Uintah
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RASMUSSEN HOLLOW 1124000

COORDINATES
 LAT/LONG... 40-21.90 N 109-24.96 W
 UTM ZONE... +12
 NORTHING... 4469263.
 634493.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/12/07
 TEMPERATURE (C)..... 50.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1600.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00477

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017553

NAME OF SAMPLE SOURCE... GARNER #1 BOESCHE
 WELL/SPRING NUMBER..... (U- 6-23)18AD-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 023E 01 SE OF NE NW
 STATE..... UTAH
 COUNTY..... Uintah

COORDINATES
 LAT/LONG... 40-19.92 N 109-16.74 W
 UTM ZONE... +12
 NORTHING... 4465818.

646198.

GEOLOGIC PROVINCE.. 36
 MAP REFERENCE..... JENSEN 1:24000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1957/06/25
 TEMPERATURE (C)..... 43.5
 WELL DEPTH (M)..... 808.
 DISCHARGE..... 757. L/MIN
 OTHER SAMPLE INFORMATION.. ORIGINAL OIL TEST

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 2200.
 TOTAL DISSOLVED SOLIDS... 2000.
 CHARGE IMBALANCE (% DIFF)... 0.1

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	69.		
H..... 0.3	F..... 1.8	NA...	91.	SI02.	24.
HE....	FE(TOT). N	NB...		S04..	1150.
CA.... 367.	HCO3.... 139.	NO3..	1.1		
CL.... 78.					
CO....	K..... 23.				

ISOTOPES (U/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND OTHERS, 1976

RECORD 00478

GEO THERM SAMPLE FILE

GEO THERM FILE 101 0017554

NAME OF SAMPLE SOURCE... GARNER #1 BOESCHE
 WELL/SPRING NUMBER..... (D- 6-23)18AD-1
 LOCATION

	TOWNSHIP-RANGE		
COUNTRY..... UNITED STATES	06S 023E 01	SE OF NE NW	
STATE..... UTAH			
COUNTY..... Uintah			
GEOLOGIC PROVINCE..			

COORDINATES

LAT/LONG... 40-19.92 N 109-16.74 W
 UTM ZONE... +12
 NORTING... 4465818.
 646198.

MAP REFERENCE..... JENSEN 1:24000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/07/13
 TEMPERATURE (C)..... 46.
 WELL DEPTH (M)..... 808.
 OTHER SAMPLE INFORMATION.. ORIGINAL OIL TEST

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 2250.
 TOTAL DISSOLVED SOLIDS... 1990.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	75.		
H.....	F.....	NA...		SI02.	9.7
HA....	FE+3....	NA+K.	104.		
HE....	FE(TOT).	NB...		S04..	1150.
CA.... 357.	HCO3.... 141.	NO3..	0.4		
CL.... 88.					

ISOTOPES (U/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND OTHERS, 1976

RECORD 00479

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017184

NAME OF SAMPLE SOURCE... HALL, T. E. #55
 WELL/SPRING NUMBER..... (D- 5-22)23CDA
 LOCATION
 COUNTRY..... UNITED STATES 05S 022E 23 NE OF SE SW
 STATE..... UTAH
 COUNTY..... UINTAH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RASMUSSEN HOLLOW 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/12/07
 TEMPERATURE (C)..... 47.0
 WATER ANALYSIS
 TOTAL DISSOLVED SOLIDS... 1620.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

COORDINATES

LAT/LONG... 40-21.84 N 109-24.84 W
 UTM ZONE... +12
 NORTING... 4469155.
 634665.

RECORD 00480

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017182

NAME OF SAMPLE SOURCE... HOLLANDSWORTH AND TRAVIS
 WELL/SPRING NUMBER..... (D- 5-22)23DCB
 LOCATION
 COUNTRY..... UNITED STATES 05S 022E 23 NW OF SW SE
 STATE..... UTAH
 COUNTY..... UINTAH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RASMUSSEN HOLLOW 1124000
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/12/07
 TEMPERATURE (C)..... 56.0
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 2400.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

COORDINATES

LAT/LONG... 40-21.90 N 109-24.66 W
 UTM ZONE... +12
 NORTING... 4469271.
 634918.

RECORD 00481

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017549

NAME OF SAMPLE SOURCE... PAN AM PETROL
 LOCATION
 COUNTRY..... UNITED STATES 05S 022E 26 NE OF SE
 STATE..... UTAH
 COUNTY..... UINTAH
 GEOLOGIC PROVINCE.. 36
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1960/11/04

COORDINATES

LAT/LONG... 40-21.72 N 109-24.90 W
 UTM ZONE... +12
 NORTING... 4468932.
 634584.

TEMPERATURE (C)..... 49.
 WELL DEPTH (M)..... 1307.
 DISCHARGE..... 738.
 WATER ANALYSIS
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 1830.
 TOTAL DISSOLVED SOLIDS..... 1380.
 CHARGE IMBALANCE (% DIFF)... 2.9

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	43.		
B.....	0.44	F.....	NA...	171.	SI02.	20.
BE....		FE(TOT)..	NB...		S04..	681.
CA....	192.	HCO3.....	NO3..	0.2		
CL....	116.					
CO....		K.....		27.		

ISOIOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE AND FELTIS, 1962

RECORD 00482

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PAN AM PETROL NO. 1 GENTRY
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 022E 22 SW OF NE
 STATE..... UTAH
 COUNTY..... Uintah
 GEOLOGIC PROVINCE..

GEO THERM FILE ID: 0017552

COORDINATES

LAT/LONG... 40-22.26 N 109-25.62 W
 UTM ZONE... +12
 NORTHING... 4469913.
 633548.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/11/04
 TEMPERATURE (C)..... 46.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 975.
 TOTAL DISSOLVED SOLIDS... 731.
 CHARGE IMBALANCE (% DIFF)... 39.5

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	28.		
B.....	0.28	F.....	NA...	38.		
BE....		FE(TOT)..	NB...		S04..	244.
CA....	103.	HCO3.....	NO3..	3.2		
CL....	104.					
CO....		K.....		20.		

ISOIOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE AND FELTIS, 1962

RECORD 00483

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PAN-AM PETROL ER-1
 LOCATION
 TOWNSHIP-RANGE

GEO THERM FILE ID: 0017547

COORDINATES

COUNTRY..... UNITED STATES 055 022E 23 NE OF SW SW
STATE..... UTAH
COUNTY..... Uintah
GEOLOGIC PROVINCE..
MAP REFERENCE..... RASMUSSEN HOLLOW 1124000
OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

LAT/LONG... 40-21.9 N 109-25.08 W
UTM ZONE... +12
NORTHING... 4469371.
634322.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/11/03
SAMPLE NUMBER..... AV-2-59
POINT OF COLLECTION.. WELL HEAD
TEMPERATURE (C)..... 49.0
WELL DEPTH (M)..... 1304.

PERTINENT LITHOLOGY..... PRODUCING FORMATION IS WEBER SANDSTONE

WATER ANALYSIS

PH..... 7.9
SPECIFIC CONDUCTANCE..... 1860.
TOTAL DISSOLVED SOLIDS... 1210.
ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 38.
R.... F..... NA... SI02. 20.
RA.... FE+3.... NA+K. 198.
HE.... FE(TOT). NB... S04.. 519.
CA.... 155. HCO3.... 340. NO3... 3.3
CL.... 108.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION.. UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... GOODE AND FELTIS, 1962

RECORD 00484

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PAN-AM PETROL ER-10
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 055 022E 22 SE OF SW NE
STATE..... UTAH
COUNTY..... Uintah
GEOLOGIC PROVINCE.. 36
MAP REFERENCE..... RASMUSSEN HOLLOW 1124000

GEOTHERM FILE ID: 0017546

COORDINATES

LAT/LONG... 40-21.90 N 109-25.60 W
UTM ZONE... +12
NORTHING... 4469250.
633729.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/11/03
SAMPLE NUMBER..... AV-1-59
POINT OF COLLECTION.. WELL BLEEDER PIPE
TEMPERATURE (C)..... 44.5
WELL DEPTH (M)..... 1320.

PERTINENT LITHOLOGY..... PRODUCING FORMATIONS ARE PHUSPHORIA AND WEBER SANDSTONE.

WATER ANALYSIS

PH..... 8.1
SPECIFIC CONDUCTANCE..... 829.
TOTAL DISSOLVED SOLIDS... 532.
ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 27.
H.... F..... NA... SI02. 19.
RA.... FE+3.... NA+K. 52.

HE.... FE(TOT). NB... S04.. 227.
 CA.... 85. HCO3.... 238. NO3.. 0.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE AND FELTIS, 1962

RECORD 00485

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... POLUMBUS CORP NO. 1
 WELL/SPRING NUMBER..... (U)- 5-2212400

GEO THERM FILE ID: 0017183

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE USS 022E 24 SE OF SE SE
 STATE..... UTAH
 COUNTY..... UINTAH
 GEOLOGIC PROVINCE.. 36
 MAP REFERENCE..... NASHUSSEN HOLLOW 1124000

COORDINATES

LAT/LONG... 40-21.72 N 109-23.10 W
 UTM ZONE... +12
 NORTHING... 4468978.
 637132.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/12/07
 TEMPERATURE (C)..... 45.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2500.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... GOODE, 1978

RECORD 00486

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SHAMRUCK OIL & GAS CORP
 WELL/SPRING NUMBER..... (D-11-24)8CAA-1

GEO THERM FILE ID: 0017571

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11S 024E 08 NE OF NE SW
 STATE..... UTAH
 COUNTY..... UINTAH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ASPHALT WASH 1124000

COORDINATES

LAT/LONG... 39-52.53 N 109-15.27 W
 UTM ZONE... +12
 NORTHING... 4415131.
 649232.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/06/26
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 2002.
 DISCHARGE..... 64. L/MIN

WATER ANALYSIS

PH..... 8.9
 SPECIFIC CONDUCTANCE..... 1770.
 ALKALINITY..... 475. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1110.

ANALYSIS IN MU/L

AG....	0.01	CO3....	40.	LI....	0.11	S....	2.7
AL....		CR....		MG....	0.2		
H....	0.3	F....	2.1	NA....	390.	SI02.	14.
HA....	N						
HE....		FE(TOT).	0.03	NB....		S04..	380.

ISOTOPES (0/00)

COUNTRY..... UNITED STATES 11S 023E 13 SE OF SW SE LAT/LONG... 39-51.26 N 109-17.31 W
 STATE..... UTAH UTM ZONE... 12
 COUNTY..... Uintah NORTHING... 4412750.
 GEOLOGIC PROVINCE.. 646711.
 MAP REFERENCE..... ARCHY HENCH SE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/06/26
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 1785.
 DISCHARGE..... E 38. L/MIN

WATER ANALYSIS

PH..... 8.8
 SPECIFIC CONDUCTANCE..... 1770.
 ALKALINITY..... 579. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1140.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....		CO3....	51.	LI....	0.11	S....	N
AL....	0.01	CH....		MG....	0.7	SI02.	14.
H....	0.059	F....	2.8	NA....	420.		
HA....	N						
HE....		FE(TQT).	0.04	NH....		S04..	310.
HI....		GA.....		NH4..		SR...	0.17
HR....	0.2						
CA....	5.8	HC03....	602.				
CL....	36.						
CO....		K.....	1.				

OTHER ANALYTICAL DATA... MANY TRACE ELEMENTS

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CONROY AND FIELDS, 1977

RECORD 00489

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0017558

NAME OF SAMPLE SOURCE... SHELL OIL #1 STATE
 WELL/SPRING NUMBER..... (D- 8-20)368AA-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 08S 020E 36 NE OF NE NW LAT/LONG... 40- 5.10 N 109-36.90 W
 STATE..... UTAH UTM ZONE... 12
 COUNTY..... Uintah NORTHING... 4437900.
 GEOLOGIC PROVINCE.. 618082.

MAP REFERENCE..... OURAY SE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/21
 TEMPERATURE (C)..... 57.5
 WELL DEPTH (M)..... 1711.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 65100.
 ANALYSIS IN MG/L
 CL.... 3100.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... CONDUCTANCE DOES NOT AGREE WITH CL CONTENT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND OTHERS, 1976

GEOTHERM SAMPLE FILE

RECORD 00492

NAME OF SAMPLE SOURCE... U.S. BUREAU OF LAND MANAGEMENT
WELL/SPRING NUMBER..... (U-13-19)8AA-5

GEOTHERM FILE ID: 0017905

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 13S 019E 08 NE OF NE

COUNTY..... UINTAH

GEOLOGIC PROVINCE..

MAP REFERENCE..... FIREWATER CANYON 1162500

COORDINATES

LAT/LONG... 39-42.42 N 109-48.42 W
UTM ZONE... +12
NORTHING... 4395709.
602272.

SAMPLE DESCRIPTION AND CONDITIONS

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

TEMPERATURE (C)..... 20.0

DISCHARGE..... E 1.1 L/MIN

WATER ANALYSIS

PH..... E 8.0

SPECIFIC CONDUCTANCE..... 2200.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... HOOD AND OTHERS, 1976

GEOTHERM SAMPLE FILE

RECORD 00493

NAME OF SAMPLE SOURCE... UNION IRRIGATION

WELL/SPRING NUMBER..... (O- 5-22)250DC

GEOTHERM FILE ID: 0017187

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 05S 022E 25 NW OF SE NW

COUNTY..... UINTAH

GEOLOGIC PROVINCE.. 36

MAP REFERENCE..... RASMUSSEN HOLLOW 1124000

COORDINATES

LAT/LONG... 40-21.48 N 109-23.82 W
UTM ZONE... +12
NORTHING... 4468515.
636121.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/12/07

TEMPERATURE (C)..... 20.0

DISCHARGE..... 3785. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2900.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... GOODE, 1978

GEOTHERM SAMPLE FILE

RECORD 00494

NAME OF SAMPLE SOURCE... USHLM

WELL/SPRING NUMBER..... (U-11-24)7CAC-1

GEOTHERM FILE ID: 0017568

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 11S 024E 07 SW OF NE SW

COUNTY..... UINTAH

GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-52.47 N 109-16.58 W
UTM ZONE... +12
NORTHING... 4414879.
647697.

MAP REFERENCE..... ANCHY BENCH SE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/09/10
 TEMPERATURE (C)..... 26.5
 WELL DEPTH (M)..... 1780.
 DISCHARGE..... 136. L/MIN

WATER ANALYSIS

PH..... 609.
 SPECIFIC CONDUCTANCE..... 1700.
 ALKALINITY..... AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1130.

ANALYSIS IN MG/L

AG....	CO3..... N	LI...	0.1	S....	1.9	<u>ISOTOPES (0/00)</u>
AL....	CR.....	MG...	0.4			
AS.... N						
AU....	CU..... N	MO...		SE...	0.001	
H.... 0.79	F..... 3.8	NA...	420.	SI02..	14.	
HE....	FE(TOT).. 0.02	NB...		S04...	290.	
HI....	GA.....	NH4..		SR...	0.12	
CA.... 3.4	HCO3..... 742.					
CA+MG.	HG..... N					
CL.... 23.						
CO....	K..... 1.1					
		ZN... N				

OTHER ANALYTICAL DATA... MANY TRACE ELEMENTS

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CONROY AND FIELDS, 1977

RECORD 00495

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... USBLM
 WELL/SPRING NUMBER..... (D-10-21)358BC-1

GEOTHERM FILE ID# 0017572

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 10S 020E 3S SW OF NW NW
 COUNTY..... UTAH
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-54.54 N 109-38.31 W
 UTM ZONE... +12
 NORTHING... 4418334.
 616334.

MAP REFERENCE..... BIG PACK MOUNTAIN NW 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/08/20
 TEMPERATURE (C)..... 31.
 WELL DEPTH (M)..... 1729.
 DISCHARGE..... 68. L/MIN

WATER ANALYSIS

PH..... 1490.
 SPECIFIC CONDUCTANCE..... 3250.
 ALKALINITY..... AS CaCO3
 TOTAL DISSOLVED SOLIDS... 2150.

ANALYSIS IN MG/L

AG....	CO3..... 165.	LI...	0.42	S....	1.0	<u>ISOTOPES (0/00)</u>
AL....	CR.....	MG...	0.8			
AS.... N						
AU....	CU.....	MO...		SE... N		
B.... 17.	F.....	NA...	900.	SI02..	16.	

HE.... FE(TQT). 0.06 NB...
 RI.... UA..... NH4...
 CA.... 1.0 MCO3.... 1480.
 CA+MG. MG..... N SR... 0.48
 CL.... 300. K..... 3.4 ZN... N
 CO....

OTHER ANALYTICAL DATA... MANY TRACE ELEMENTS
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CONROY AND FIELDS, 1977

 GEOTHERM SAMPLE FILE RECORD 00496
 NAME OF SAMPLE SOURCE... (USBLM)
 WELL/SPRING NUMBER..... (D-11-24)608C-1 GEOTHERM FILE ID: 0017567

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 11S 024E 06 SW OF NW SE
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE...
 MAP REFERENCE..... ASPHALT WASH 1124000 COORDINATES
 LAT/LONG... 39-53.29 N 109-16.34 W
 UTM ZONE... 12
 NORTHING... 4416436.
 647838.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1975/06/26
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 1814.
 DISCHARGE..... 189. L/MIN

WATER ANALYSIS
 PH..... 475.
 SPECIFIC CONDUCTANCE..... 1720.
 ALKALINITY..... AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1150.

ANALYSIS IN MG/L ISOTOPIES (U/GWL)
 AG.... L 0.001 CO3.... 34. LI... 0.1 S.... 6.7
 AL.... 0.01 CR..... L 0.08 MG... 0.5
 AS.... CS..... L 0.007
 AV.... CU..... 0.002 MN... 0.02
 B.... F..... 2. NA... 410.
 BA.... 0.03 FE+3... NA+K. SIO2. 16.
 HE.... L 0.002 FE(TQT). 0.02 NB... SN... L 0.01
 BI.... L 0.01 GA..... L 0.004 NH4... S04... 390.
 HR.... 0.2 GE..... L 0.01 NI... SR... 0.11
 CA.... 1.7 MCO3.... 510. NO3... TI... L 0.004
 CA+MG. MG..... L 0.008 PB... V.... L 0.008
 CD.... N PO4... ZR... N 0.01
 CL.... 31. RB...
 CO.... L 0.08 K..... 0.9

OTHER ANALYTICAL DATA... MANY TRACE ELEMENTS
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CONROY AND FIELDS, 1977

CA+MG. MG..... N
 CL.... 3200.
 CO.... K..... 11.
 OTHER ANALYTICAL DATA... MANY TRACE ELEMENTS
 ZN... 0.01
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CONROY AND FIELDS, 1977

GEO THERM SAMPLE FILE

RECORD 00500

NAME OF SAMPLE SOURCE... USBLM
 WELL/SPRING NUMBER..... (D-11-24)7CAC-1

GEO THERM FILE ID: 0017569

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... UINTAH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ARCHY BENCH SE 1:24000

TOWNSHIP-RANGE

11S 024E 07 SW OF NE SW

COORDINATES

LAT/LONG... 39-52.47 N 109-16.58 W
 UTM ZONE... +12
 NORTING... 4414819.
 647697.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/06/26
 TEMPERATURE (C)..... 26.5
 WELL DEPTH (M)..... 1780.
 DISCHARGE..... 140. L/MIN

WATER ANALYSIS

PH..... 618.
 SPECIFIC CONDUCTANCE..... 1770.
 ALKALINITY..... AS CAC03
 TOTAL DISSOLVED SOLIDS... 1150.

ANALYSIS IN MG/L

AG....	CO3....	30.	LI....	0.12	S....	N	ISOTOPES (0/001)
AL.... N	CR....		MG....	0.7	SI02.	13.	
R.... 0.88	F....	4.7	NA....	430.	S04..	340.	
BA.... N	FE(TOT).	0.04	NH4..		SR....	0.12	
BE....	GA.....						
BI....	HCO3....	693.					
BR.... 0.2							
CA.... 1.9							
CL.... 22.							
CO....	K.....	1.0					

OTHER ANALYTICAL DATA... MANY TRACE ELEMENTS

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CONROY AND FIELDS, 1977

GEO THERM SAMPLE FILE

RECORD 00501

NAME OF SAMPLE SOURCE... WUSCU TEST HOLE
 WELL/SPRING NUMBER..... (D- 9-20)3600C-1

GEO THERM FILE ID: 0017560

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... UINTAH

TOWNSHIP-RANGE

09S 020E 36 SW OF SE SE

COORDINATES

LAT/LONG... 39-59.1 N 109-36.42 W
 UTM ZONE... +12
 NORTING... 4426923.

618936.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... BIG PACK MOUNTAIN NE 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/07/31
 TEMPERATURE (C)..... 23.5
 WELL DEPTH (M)..... 986.

MAIFB ANALYSIS

PH..... 8.6
 SPECIFIC CONDUCTANCE..... 54000.
 TOTAL DISSOLVED SOLIDS..... 41800.
 CHARGE IMBALANCE (% DIFF)... 0.2

ANALYSIS IN MG/L

AG....		CO3.....	319.	MG....	1.2			
AL....		CR.....		NA....	16600.	SI02..	12.	
R....	360.	F.....	46.	NB....		S04..	400.	
HE....		FE(TOT).		NO3..	L 0.1			
CA....	2.	HCO3.....	5940.	PO4..	0.18			
CD....		H2S.....						
CL....	21500.							
CO....		K.....	62.					

ISOTOPES (O/NO)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND OTHERS, 1976

RECORD 00502

GEOTERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WOSCO TEST MOLE
 WELL/SPRING NUMBER..... (D- 9-20)36DDC-1

GEOTERM FILE 101 0017559

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 09S 020E 36 SW OF SE SE
 STATE..... UTAH
 COUNTY..... UINTAH

COORDINATES

LAT/LONG... -39-59.1 N 109-36.42 W
 UTM ZONE... +12
 NORTING... 4426923.
 618936.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... BIG PACK MOUNTAIN NE 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/07/31
 TEMPERATURE (C)..... 27.5
 WELL DEPTH (M)..... 986.

MAIFB ANALYSIS

PH..... 8.9
 SPECIFIC CONDUCTANCE..... 85000.
 TOTAL DISSOLVED SOLIDS..... 72700.
 CHARGE IMBALANCE (% DIFF)... 2.7

ANALYSIS IN MG/L

AG....		CO3.....	1230.	MG....	0.8			
AL....		CR.....		NA....	28500.	SI02..	9.2	
H....	620.	F.....	70.	NB....		S04..	464.	
HE....		FE(TOT).		NO3..	L 0.1			
CA....	2.8	HCO3.....	5910.	PO4..	0.88			
CD....		H2S.....						
CL....	37500.							
CO....		K.....	102.					

ISOTOPES (O/NO)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... HOOD AND OTHERS, 1976

RECORD 00503

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017129

NAME OF SAMPLE SOURCE... ALLEN, J. H.
 WELL/SPRING NUMBER..... (C- 8- 1)328CB-1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08S 001W 32 NW OF SW NW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-04.68 N 111-58.46 W
 UTM ZONE... +12
 NORTHING... 4436773.
 416697.

MAP REFERENCE..... GOSHEN VALLEY NORTH 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/12/05
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 81.
 DISCHARGE..... 57. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00504

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017575

NAME OF SAMPLE SOURCE... BARTHULOMEW, ORAL
 WELL/SPRING NUMBER..... (U- 8- 2)28CCC-1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08S 002E 28 SW OF SW SW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. 35

COORDINATES
 LAT/LONG... 40-05.1 N 111-43.74 W
 UTM ZONE... +12
 NORTHING... 4437236.
 437848.

MAP REFERENCE..... SPANISH FORK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/16
 TEMPERATURE (C)..... 13.
 WELL DEPTH (M)..... 84.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 668.
 TOTAL DISSOLVED SOLIDS... 451.

ANALYSIS IN PPM

AG.....		CO ₃ N		LI.....	0.03		
AL.....		CR.....		MG.....	16.		
AU.....	0.02						
H.....	0.08	F.....	0.6	NA.....	65.	SI02.	77.
BE.....		FE(TOT).		NB.....		SO4..	48.
BI.....		GA.....		NH4..		SR...	0.37
BR.....		GE.....		NI.....	N		
CA.....	42.	HCO ₃	201.	NO ₃ ..	2.8		
CA+MG.		HG.....		PB...	N		
CL.....	79.						

ISOTOPES (0/00)

CO.... K..... 2.4 ZN... 0.02
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00505

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017574

NAME OF SAMPLE SOURCE... BARTHOLOMEW, ORAL
 WELL/SPRING NUMBER..... (0- H- 2)28CCC-1
 LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 08S 002E 28 SW OF SW SW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-05.1 N 111-43.74 W
 UTM ZONE... +12
 NORTING... 4437236.
 437848.

MAP REFERENCE..... SPANISH FORK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/05/28
 TEMPERATURE (C)..... 34.
 WELL DEPTH (M)..... 84.
 DISCHARGE..... 757. L/MIN

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 625.
 TOTAL DISSOLVED SOLIDS... 441.
 ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	14.		
H....	F.....	NA...		SI02.	85.
HA....	FE+3....	NA+K.	83.		
HE....	FE(TOT).	NB...		SO4..	43.
CA.... 35.	HCO3.... 196.	NO3..	0.1		
CL.... 84.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00506

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017120

NAME OF SAMPLE SOURCE... BIRD ISLAND
 WELL/SPRING NUMBER..... (0- 7- 1)26C-S
 LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 07S 001E 26 SW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 40-10.6 N 111-48.06 W
 UTM ZONE... +12
 NORTING... 4447611.
 431803.

MAP REFERENCE..... LINCOLN POINT 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/01/27
 TEMPERATURE (C)..... R 27.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 10452.

TOTAL DISSOLVED SOLIDS... 6644.
 CHARGE IMBALANCE (% DIFF)... 0.0

ISOTOPES (0/001)

ANALYSIS IN PPM

AG....		CO3.....	15.	MG...	114.		
AL....		CH.....		NA...	1840.		
H....	2.3	F.....		NB...		504..	700.
HE....		FE(TOT).					
CA....	276.	HCO3....	610.				
CL....	2912.						
CO....		K.....	159.				

QUALIFICATION FIELD..... TEMPERATURES RANGE FROM 23.8 TO 30. DEGREES C.
 REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00507

GEO THERM FILE ID: 0017149

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BOARD OF CANAL PRESIDENTS
 WELL/SPRING NUMBER..... (C- 5- 1125ABC-3)

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 001W 25 NE OF NW SW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... SARATOGA SPRINGS 1124000

COORDINATES

LAT/LONG... 40-21.2 N 111-54.1 W
 UTM ZONE... +12
 NORTHING... 4467898.
 423069.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATESAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/04/21
 TEMPERATURE (C)..... 23.9
 WELL DEPTH (M)..... 60.
 DISCHARGE..... 189. L/MIN

WATER ANALYSIS

PH..... 7.0
 SPECIFIC CONDUCTANCE..... 2080.
 TOTAL DISSOLVED SOLIDS... 1320.

ISOTOPES (0/001)

ANALYSIS IN PPM

AL....		CR.....		MG...	51.	SI02.	34.
H....		F.....		NA...			
HA....		FE+3...		NA+K.	204.		
HE....		FE(TOT).		NB...		504..	386.
CA....	180.	HCO3....	330.	NO3..	1.7		
CL....	302.						

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00508

GEO THERM FILE ID: 0017150

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BOARD OF CANAL PRESIDENTS
 WELL/SPRING NUMBER..... (C- 5- 1125HAD-1)

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 001W 25 SE OF NE NW

COORDINATES

LAT/LONG... 40-21.6 N 111-53.9 W

STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SARATOGA SPRINGS 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/04/21
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 30.
 WATER ANALYSIS
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 2080.
 ANALYSIS IN PPM
 AL.... CR..... MG... 54.
 HE.... FE(TOT)... NB... 504.. 385.
 CA... 167. HCO3... 328.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

UTM ZONE... +12
 NORTHING... 4467900.
 422899.

ISOLINES (0/00)

RECORD 00509

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017119

NAME OF SAMPLE SOURCE... BURGIN MINE
 WELL/SPRING NUMBER..... (C-10- 2)15000-1
 LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 10S 002W 1S SE OF SE SE
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. JS
 MAP REFERENCE..... EUREKA 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 39-57.0 N 112-02.7 W
 UTM ZONE... +12
 NORTHING... 4422189.
 410642.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/06/16
 TEMPERATURE (C)..... 54.4
 DISCHARGE..... 10220. L/MIN
 WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 10900.
 TOTAL DISSOLVED SOLIDS... 6610.
 ANALYSIS IN PPM

ISOLINES (0/00)

AG.... CO3... N
 AL.... CR..... MG... 75.
 AS.... CS..... MN... 0.94
 H.... 4.1 F..... 2.2 NA... 1930. S102. 35.
 HE.... FE(TOT)... NB... 504.. 404.
 CA... 327. HCO3... 646. NO3... 2.5
 CL.... 3310.
 CO... K..... 180.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00510

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017651

NAME OF SAMPLE SOURCE... CASTILLA HOT SPRINGS
WELL/SPRING NUMBER..... (D- 9- 4)18BAA-S1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE NE OF NE NW
STATE..... UTAH 09S 004E 18
COUNTY..... UTAH
GEOLOGIC PROVINCE.. 35
MAP REFERENCE..... SPANISH FORK PEAK 1124000

COORDINATES
LAT/LONG... 40-02.24 N 111-31.71 W
UTM ZONE... +12
NORTHING... 4431899.
454868.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/10/20
TEMPERATURE (C)..... 40.

WATER ANALYSIS

PH..... 7.9
SPECIFIC CONDUCTANCE..... 9480.
TOTAL DISSOLVED SOLIDS... 6360.

ANALYSIS IN PPM

AG....	CO ₃ N	LI... 1.3		
AL....	CR.....	MG... 80.		
H.... 1.4	F..... 3.6	NA... 1680.	SI02. 30.	
HE....	FE(TOT).	NB... 504..	1400.	
BR.... 1.5	HCO ₃ 542.	N03.. 4.8		
CA.... 469.	I..... 0.08			
CL.... 2320.	K..... 10.			

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... CORDOVA, 1969

RECORD 00511

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017127

NAME OF SAMPLE SOURCE... CHIPMAN, D.
WELL/SPRING NUMBER..... (C- 8- 1)16CBB-1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE NW OF NW SW
STATE..... UTAH 08S 001W 16
COUNTY..... UTAH
GEOLOGIC PROVINCE..
MAP REFERENCE..... GOSHEN VALLEY NORTH 1124000

COORDINATES
LAT/LONG... 40- 7.14 N 111-57.4 W
UTM ZONE... +12
NORTHING... 4441196.
418280.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/06/00
TEMPERATURE (C)..... 20.0
WELL DEPTH (M)..... 119.

OTHER SAMPLE INFORMATION: ABANDONED

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... CORDOVA, 1969

RECORD 00512

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017223

NAME OF SAMPLE SOURCE... COOP SECURITY
WELL/SPRING NUMBER..... (C- 6- 1)180CA-1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 001W 18 NE OF SW SE
STATE..... UTAH
COUNTY..... UTAH
GEOLOGIC PROVINCE.. 35
MAP REFERENCE..... SARATOGA SPRINGS 1124000LAT/LONG... 40-17.64 N 111-59.59 W
UTM ZONE... +12
NORTHING... 4460535.
416108.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/07/01
TEMPERATURE (C)..... 27.2
WELL DEPTH (M)..... 80.
DISCHARGE..... 45. L/MIN

WATER ANALYSIS

PH..... 7.7
SPECIFIC CONDUCTANCE..... 706.
TOTAL DISSOLVED SOLIDS... 421.

ANALYSIS IN PPM

ISOTOPES (0/001)

AG.... CO3..... N
AL.... CH..... MG... 25.
H.... F..... NA... S102. 21.
BA.... FE+3... NA+K. 35.
HE.... FE(TOT). NB... S04.. 79.
CA.... 75. HCO3.... 240. NO3.. 1.4
CL.... 66.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... FELTIS, 1967

RECORD 00513

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017157

NAME OF SAMPLE SOURCE... CRATER HOT SPRING
WELL/SPRING NUMBER..... (C- 5- 1)25CDC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 001W 25 SW OF SE SW
STATE..... UTAH
COUNTY..... UTAH
GEOLOGIC PROVINCE..
MAP REFERENCE..... SARATOGA SPRINGS 1124000LAT/LONG... 40-21.18 N 111-53.70 W
UTM ZONE... +12
NORTHING... 4486783.
423567.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/27
TEMPERATURE (C)..... 41.6

WATER ANALYSIS

PH..... 7.3
SPECIFIC CONDUCTANCE..... 2140.
TOTAL DISSOLVED SOLIDS... 1390.

ANALYSIS IN PPM

ISOTOPES (0/001)

AL.... CR..... MG... 49.
H.... F..... NA... S102. 27.
HA.... FE+3... NA+K. 232.

HF.... FE(TQT). NB... 504.. 425.
 CA.... 180. HCO3.... 320. NO3... 1.3
 CL.... 318.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00514

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017151

NAME OF SAMPLE SOURCE... CRATER HOT SPRING
 WELL/SPRING NUMBER..... (C- 5- 1)25BHC-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 05S 001W 25 SW OF NW NW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SARATOGA SPRINGS 1124000

LAT/LONG... 40-21.18 N 111-53.70 W
 UTM ZONE... +12
 NORTHING... 4467112.
 423995.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/06/04
 TEMPERATURE (C)..... 43.3

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 2230.
 TOTAL DISSOLVED SOLIDS... 1440.

ANALYSIS IN PPMISOPORES (0/00)

AL....	CR.....	MG... 52.		
B....	F.....	NA... 5102.	28.	
HA....	FE+3....	NA+K. 235.		
BE....	FE(TQT). NB... 504..		441.	
CA.... 191.	HCO3.... 320.	NO3... 2.5		
CL.... 318.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00515

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017355

NAME OF SAMPLE SOURCE... CRATER HOT SPRINGS
 WELL/SPRING NUMBER..... (C- 5- 1)25-S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 05S 001W 25
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SARATOGA SPRINGS 1124000

LAT/LONG... 40-21.18 N 111-53.70 W
 UTM ZONE... +12
 NORTHING... 4467556.
 424000.

OTHER LOCALITY INFORMATION: SPRINGS ISSUE BENEATH THE SURFACE OF UTAH LAKE ABOUT 1/2 MILE EAST OF SARATOGA HOT

SPRINGS.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/27
 TEMPERATURE (C)..... 41.6

WATER ANALYSIS

PH..... 7.3

SPECIFIC CONDUCTANCE..... 2740.
 TOTAL DISSOLVED SOLIDS... 1390.
 ANALYSIS IN PPM

AL.....	CR.....	MG...	49.		
B.....	F.....	NA...		5102.	27.
BA.....	FE+3...	NA+K.	232.		
BE.....	FE(TOT).	NB...		504..	425.
CA..... 180.	HCO3..... 320.	NO3..	1.3		
CL..... 318.					

ISOLOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00516

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRATER HOT SPRINGS

GEOHERM FILE ID: 0017356

WELL/SPRING NUMBER..... (C- 5- 1)25-S

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE
05S 001W 25COORDINATES

STATE..... UTAH

LAT/LONG... 40-21.42 N 111-53.70 W

COUNTY..... UTAH

UTM ZONE... +12

GEOLOGIC PROVINCE.. 35

NORTHING... 4467556.

MAP REFERENCE..... SARATOGA SPRINGS 1124000

424000.

OTHER LOCALITY INFORMATION: SPRINGS ISSUE BENEATH THE SURFACE OF UTAH LAKE ABOUT 1/2 MILE EAST OF SARATOGA HOT SPRINGS.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 235.

TEMPERATURE (C)..... 43.3

WATER ANALYSIS

PH..... 7.3

SPECIFIC CONDUCTANCE..... 2230.

TOTAL DISSOLVED SOLIDS... 1440.

ANALYSIS IN PPM

AL.....	CR.....	MG...	52.		
H.....	F.....	NA...	235.	5102.	28.
HA.....	FE+3...	NA+K.	235.		
BE.....	FE(TOT).	NB...		504..	441.
CA..... 191.	HCO3..... 320.	NO3..	2.5		
CL..... 338.					

ISOLOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00517

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DIAMOND FORK WARM SPRINGS

GEOHERM FILE ID: 0017655

WELL/SPRING NUMBER..... (D- 8- 5)140-S

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE
08S 005E 14 SECOORDINATES

STATE..... UTAH

LAT/LONG... 40-07.06 N 111-20.22 W

COUNTY..... UTAH

UTM ZONE... +12

GEOLOGIC PROVINCE.. 35

NORTHING... 4440587.

471282.

MAP REFERENCE..... HAYS VALLEY 1124000
 OTHER LOCALITY INFORMATION: 17 MILES EAST OF SPANISH FORK.
~~SAMPLE DESCRIPTION AND CONDITIONS~~
 DATE/COLLECTOR..... 1967/10/20
 TEMPERATURE (C)..... 20.
 DISCHARGE..... 1703.
 PERTINENT LITHOLOGY..... ISSUES FROM CONGLOMERATES OF MESOZOIC AGE.
 OTHER SAMPLE INFORMATION.. QDOR OF HYDROGEN SULFIDE IS NOTICEABLE.

~~WATER ANALYSIS~~
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1180.
 TOTAL DISSOLVED SOLIDS... 837.
 CHARGE IMBALANCE (% DIFF)... 3.1
 ANALYSIS IN PPM

AG....	CO3..... N	LI... 0.1		
AL.... 0.027	CR..... L 0.0014	MG... 32.		
AS....	CS.....	MN... L 0.0039		
AU....	CU..... L 0.0014	MO... 0.0003		
B.... 0.2	F..... 1.6	NA... 117.	SI02. 17.	
BE.... L 0.0006	FE(TQT). 0.049	NB... 117.	S04.. 390.	
BI.... L 0.0003	GA..... L 0.0057			
BR.... 0.05	GE..... 0.013	NI... 0.0034		
CA.... 104.	HCO3.... 264.	NO3.. 0.5	TI... L 0.0006	
CA+MG.	HG.....	PB... L 0.0014	V.... L 0.0003	
CD.... L 0.0014	H2S.....	PO4..		
CL.... 36.	I..... 0.03			
CO.... L 0.0014	K..... 8.3			
ZN... L 0.0057				

ISOTOPES (0/00)

~~REFERENCE AND IDENTIFICATION~~
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00518

GEOTHERM FILE 10: 0017155

~~GEOTHERM SAMPLE FILE~~
 NAME OF SAMPLE SOURCE... EASTMUND, F.
 WELL/SPRING NUMBER..... (C- 5- 1125CCC-4)
~~LOCATION~~
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 05S 001W 25 SW OF SW SW
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. 35

COORDINATES
 LAT/LONG... 40-20.9 N 111-54.30 W
 UTM ZONE... +12
 NORTHING... 4467786.
 423153.

MAP REFERENCE..... SARATOGA SPRINGS 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

~~SAMPLE DESCRIPTION AND CONDITIONS~~
 DATE/COLLECTOR..... 1953/05/28
 TEMPERATURE (C)..... 46.1
 WELL DEPTH (M)..... 32.
 DISCHARGE..... 473. L/MIN

~~WATER ANALYSIS~~
 PH..... 7.1
 TOTAL DISSOLVED SOLIDS... 1506.
 ANALYSIS IN PPM

AL....	CR.....	MG... 55.		
B....	F..... 1.8	NA... 229.	SI02. 21.	
BA....	FE+3....			

ISOTOPES (0/00)

RE.... FE(TOT). 0.29 NB... 504.. 413.
 CA.... 179. HCO3.... 317. NO3... 0.5
 CL.... 34J.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00519

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017311

NAME OF SAMPLE SOURCE... ELBERTA
 WELL/SPRING NUMBER..... (C-10- 1116888)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 10S 001W 16 N4 OF NW NW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE..

LAT/LONG... 39-57.06 N 111-57.24 W
 UTM ZONE... +12
 NORTHING... 4422544.
 418506.

MAP REFERENCE..... SANTAQUIN 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 22.

WATER ANALYSIS

PH..... 6.8
 CHARGE IMBALANCE (% DIFF)... 29.7

ANALYSIS IN MG/L

AL.... 0.03	CR.....	MG... 101.		
H....	F.....	NA... 52.	SI02.. 70.	
RE....	FE(TOT). 0.04	NB... 504..	300.	
CA.... 278.	HCO3.... 140.			
CL.... 350.				
CO....	K..... 15.			

ISOTOPES (0/001)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00520

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017131

NAME OF SAMPLE SOURCE... ELBERTA LAND & WATER CO.
 WELL/SPRING NUMBER..... (C-10- 112BADA-1)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 10S 001W 28 NE OF SE NE
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE..

LAT/LONG... 39-55.08 N 111-56.16 W
 UTM ZONE... +12
 NORTHING... 4418866.
 420005.

MAP REFERENCE..... SANTAQUIN 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/11/23
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 102.
 DISCHARGE..... 189. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... CONDOVA, 1969

RECORD 00521

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017148

NAME OF SAMPLE SOURCE... ENNIS, W. D.

WELL/SPRING NUMBER..... (C- 5- 1)240DC

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 001W 24 SW OF SE SE

STATE..... UTAH

COUNTY..... UTAH

GEOLOGIC PROVINCE.. 35

LAT/LONG... 40-21.84 N 111-53.40 W

UTM ZONE... +12

NORTHING... 4468328.
424432.

MAP REFERENCE..... SARATOGA SPRINGS 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.1

WELL DEPTH (M)..... 27.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... SUBITZKY, 1962

RECORD 00522

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017913

NAME OF SAMPLE SOURCE... FAULT ZONE SPRING

WELL/SPRING NUMBER..... (C- 6- 1)1AAB-1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 001W 01

STATE..... UTAH

COUNTY..... UTAH

GEOLOGIC PROVINCE.. 35

LAT/LONG... 40-19.9 N 111-53.3 W

UTM ZONE... +12

NORTHING... 4465335.
424662.

MAP REFERENCE..... SARATOGA SPRINGS 1:24000

OTHER LOCALITY INFORMATION: RISES IN BOTTOM OF UTAH LAKE; LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1940/05/04

TEMPERATURE (C)..... 32.2

WATER ANALYSIS

PH..... 7.8

TOTAL DISSOLVED SOLIDS... 1668.

ANALYSIS IN PPM

AL.... 0

B....

BE....

CA.... 124.

CL.... 440.

CO....

CR.....

F.....

FE(TOT). 46.

K.....

M..... 12.

MG... 61.

NA... 202.

NB... 509.

ISOTOPIES (0/100)

SI02. 25.

S04.. 509.

QUALIFICATION FIELD..... FE INCLUDES AL2O3.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... SUBITZKY, 1962

RECORD 00523

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017128

NAME OF SAMPLE SOURCE... FITZGERALD, L. W.

COUNTY..... UTAH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... GOSHEN VALLEY NORTH 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 22.

NORTHING... 4428611.
 422156.

WATER ANALYSIS

PH..... 7.4
 CHARGE IMBALANCE (% DIFF)... 0.3

ANALYSIS IN MG/L

AL....	0.08	CR.....	MG...	55.		
H.....		F.....	NA...	322.	SI02.	86.
BE....		FE(TOT)..	NB...		S04..	111.
CA....	101.	HCO3....				
CL....	575.					
CO....		K.....				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00526

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017308

NAME OF SAMPLE SOURCE... GV A-5
 WELL/SPRING NUMBER..... (C- 8- 1129ACC

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... GOSHEN VALLEY NORTH 1124000

TOWNSHIP-RANGE

08S 001W 29 SW OF SW NE

COORDINATES

LAT/LONG... 40-05.45 N 111-57.96 W
 UTM ZONE... +12
 NORTHING... 4437983.
 417648.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 26.

WATER ANALYSIS

PH..... 7.4
 CHARGE IMBALANCE (% DIFF)... 3.7

ANALYSIS IN MG/L

AL....	0.043	CR.....	MG...	44.		
H.....		F.....	NA...	176.	SI02.	54.
BE....		FE(TOT)..	NB...		S04..	133.
CA....	104.	HCO3....				
CL....	400.					
CO....		K.....				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00527

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017309

NAME OF SAMPLE SOURCE... GV A-7

WELL/SPRING NUMBER..... (C- 9- 114CCC
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 09S 001W 04 SW OF SW SW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... GOSHEN VALLEY NORTH 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES
 LAT/LONG... 40-03.3 N 111-57.3 W
 UTM ZONE... 12
 NORTHING... 4433980.
 418287.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 23.

WATER ANALYSIS

PH..... 7.4
 CHARGE IMBALANCE (% DIFF)... 0.5

ANALYSIS IN MG/L

AL.... 0.012	CR.....	MG... 17.			
H.....	F.....	NA... 94.	SI02.	71.	
HE....	FE(TOT). 0.06	NB... 44.	S04..		
CA.... 46.	HCO3.... 201.				
CL.... 135.					
CO....	K..... 7.6				

ISOTOPIES (U/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00528

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017J12

NAME OF SAMPLE SOURCE... GV WAKM
 WELL/SPRING NUMBER..... (D-10- 1)8CAC
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 10S 001E 08 SW OF NE SW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... SANTAQUIN 1162500

COORDINATES
 LAT/LONG... 39-57.42 N 111-51.54 W
 UTM ZONE... 12
 NORTHING... 4423128.
 426628.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 61.

WATER ANALYSIS

PH..... 6.7
 CHARGE IMBALANCE (% DIFF)... 2.1

ANALYSIS IN MG/L

AL.... 0.024	CR.....	MG... 36.			
H.....	F.....	NA... 301.	SI02.	23.	
HE....	FE(TOT). 0.05	NB... 94.	S04..		
CA.... 84.	HCO3.... 350.				
CL.... 475.					
CO....	K..... 16.				

ISOTOPIES (U/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00531

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017124

NAME OF SAMPLE SOURCE... HERBERT, R. T.
WELL/SPRING NUMBER..... (D- 8- 2)33888-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 085 002E 33 NW OF NW NW

STATE..... UTAH

COUNTY..... UTAH

GEOLOGIC PROVINCE.. 35

MAP REFERENCE..... SPANISH FORK 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 40-05.0 N 111-43.8 W

UTM ZONE... +12

NORTHING... 4437348.
437764.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/01/22

TEMPERATURE (C)..... 31.7

WELL DEPTH (M)..... 67.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... CORDOVA, 1969

RECORD 00532

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017125

NAME OF SAMPLE SOURCE... KOYLE, J.
WELL/SPRING NUMBER..... (D- 9- 3)50DC-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 095 003E 05 SW OF SE SW

STATE..... UTAH

COUNTY..... UTAH

GEOLOGIC PROVINCE..

MAP REFERENCE..... SPANISH FORK 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/11/10

TEMPERATURE (C)..... 20.0

WELL DEPTH (M)..... 32.

DISCHARGE..... 38. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... CORDOVA, 1969

RECORD 00533

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017130

NAME OF SAMPLE SOURCE... LATTER DAY SAINTS CHURCH, KEARNS STAKE
WELL/SPRING NUMBER..... (C-10- 1)24DDC-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 105 001W 24 SW OF SE SE

STATE..... UTAH

COUNTY..... UTAH

GEOLOGIC PROVINCE..

MAP REFERENCE..... SANTAQUIN 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 39-55.44 N 111-53.0 W

UTM ZONE... +12

NORTHING... 4419484.
424712.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/09/10
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 162.
 DISCHARGE..... 818. L/MIN
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00534

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017132

NAME OF SAMPLE SOURCE... LAZY S CATTLE CO.
 WELL/SPRING NUMBER..... (C-10- 1)29CDD-1

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 10S 001W 29 SE OF SE SW LAT/LONG... 39-54.5 N 111-57.4 W
 STATE..... UTAH UTM ZONE... +12
 COUNTY..... UTAH NORTHING... 4418111.
 GEOLOGIC PROVINCE.. 417860.

MAP REFERENCE..... SANTAQUIN 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/14
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 263.
 DISCHARGE..... 6215. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00535

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017133

NAME OF SAMPLE SOURCE... LAZY S CATTLE CO.
 WELL/SPRING NUMBER..... (C-10- 1)32CCC-1

LOCATION**TOWNSHIP-RANGE****COORDINATES**

COUNTRY..... UNITED STATES 10S 001W 32 SW OF SW SW LAT/LONG... 39-53.7 N 111-58.3 W
 STATE..... UTAH UTM ZONE... +12
 COUNTY..... UTAH NORTHING... 4416347.
 GEOLOGIC PROVINCE.. 416815.

MAP REFERENCE..... SANTAQUIN 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/08/07
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 157.
 DISCHARGE..... 8366. L/MIN

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 702.
 TOTAL DISSOLVED SOLIDS... 484.
 CHARGE IMBALANCE (% DIFF)... 0.6
 ANALYSIS IN PPM

AG.....
 AL.....

CO3..... M
 CR.....

MG... 23.

ISOLINES 10/001

B..... F..... NA... 38.
 HE..... FE(TOT). NB... 504.. 83.
 CA.... 65. HCO3.... 177.
 CL.... 87.
 CO.... K..... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00536

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017310

NAME OF SAMPLE SOURCE... LAZY S CATTLE CO., GV A-B
 WELL/SPRING NUMBER..... (C-10- 1129CDD)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 105 001W 29 SE OF SE SW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SANTAQUIN 1162500

LAT/LONG... 39-54.48 N 111-57.4 W
 UTM ZONE... +12
 NORTHING... 4417779.
 417771.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/07/00
 TEMPERATURE (C)..... 21.

WATER ANALYSIS

PH..... 6.7
 CHARGE IMBALANCE (% DIFF)... 2.6

ANALYSIS IN MG/L

AL.... 0.02	CR.....	MG... 20.		
B.....	F.....	NA... 12.	SI02.. 83.	
HE....	FE(TOT). 0.15	NB... 504..	83.	
CA.... 63.	HCO3.... 216.			
CL.... 65.				

ISOTOPIES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... PARRY AND CLEARY, 1978

RECORD 00537

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017578

NAME OF SAMPLE SOURCE... LINCOLN POINT WARM SPRINGS
 WELL/SPRING NUMBER..... (D- 8- 1130DA-S)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 085 001E 03 NE OF SE SE
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. J5
 MAP REFERENCE..... LINCOLN POINT 1124000

LAT/LONG... 40- 8.70 N 111-48.4 W
 UTM ZONE... +12
 NORTHING... 4443949.
 431684.

SAMPLE DESCRIPTION AND CONDITIONS

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 DATE/COLLECTOR..... 1966/06/16
 TEMPERATURE (C)..... 31.7

WATER ANALYSIS

PH..... 7.6

SPECIFIC CONDUCTANCE..... 9340.
 TOTAL DISSOLVED SOLIDS... 6140.

ANALYSIS IN PPM

AG....	0.01	CO3.....	N	LI....	1.7		
AL....		CR.....		MG....	136.		
B.....	1.7	F.....	0.03	NA....	1510.	SI02.	21.
BE....		FE(TQT).		NB....		S04..	940.
BI....		GA.....		NH4..		SR...	11.
CA....	451.	HCO3....	751.	NO3..	2.4		
CA*MG.		HG.....		PB...	0.02		
CL....	2530.						
CO....		K.....	159.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00538

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017143

NAME OF SAMPLE SOURCE... LINCOLN POINT WARM SPRINGS
 WELL/SPRING NUMBER..... (D- 8- 1)2CCB-1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	08S 001E 02	NW OF SW SW	LAT/LONG...	40- 8.70 N 111-48.3 W
STATE.....	UTAH			UTM ZONE...	+12
COUNTY.....	UTAH			NORTHING...	4443950.
GEOLOGIC PROVINCE..					431599.

MAP REFERENCE..... LINCOLN POINT 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.5
 OTHER SAMPLE INFORMATION... DIFFUSE SPRING AREA

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00539

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017385

NAME OF SAMPLE SOURCE... LINCOLN POINT WARM SPRINGS
 WELL/SPRING NUMBER..... (D- 8- 1)3DDA-51

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	08S 001E 03	NE OF SE SE	LAT/LONG...	40- 8.70 N 111-48.4 W
STATE.....	UTAH			UTM ZONE...	+12
COUNTY.....	UTAH			NORTHING...	4443949.
GEOLOGIC PROVINCE..					431684.

MAP REFERENCE..... LINCOLN POINT 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/05/27
 TEMPERATURE (C)..... 30.6

PERTINENT LITHOLOGY..... ISSUE FROM VALLEY FILL OF QUATERNARY AGE.

WATER ANALYSIS

P.I..... 7.
 SPECIFIC CONDUCTANCE..... 9490.

TOTAL DISSOLVED SOLIDS... 6550.

ANALYSIS IN PPM

AL....	CR.....	MG....	114.
H.....	F.....	NA....	5102. 22.
HA....	FE+3...	NA+K..	1820.
HE....	FE(TOT)..	NB....	504.. 953.
CA....	HCO3....		756.
CL....			2800.

ISOTOPES (0/100)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00540

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0017576

NAME OF SAMPLE SOURCE... REILLY TAR & CHEMICAL CO.
 WELL/SPRING NUMBER..... (D- 7- 3)20BDA-1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 075 003E 20 NE OF SE NW
 STATE..... UTAH
 COUNTY..... UTAH

LAT/LONG... 40-11.94 N 111-37.62 W
 UTM ZONE... +12
 NORTHING... 4449823.
 446634.

GEOLOGIC PROVINCE..

MAP REFERENCE..... PROVO 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/06/10

TEMPERATURE (C)..... 22.

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

DISCHARGE..... L 3.8 L/MIN

OTHER SAMPLE INFORMATION.. ANOTHER ANALYSIS IS AVAILABLE IN SAME REFERENCE ALTHOUGH VERY DIFFERENT RESULTS.

ANALYSIS

PH..... 9.6
 SPECIFIC CONDUCTANCE..... 203.
 TOTAL DISSOLVED SOLIDS... 115.
 CHARGE IMBALANCE (% DIFF)... 1.2

ANALYSIS IN PPM

AG....	CO3....	2.7	
AL....	CR.....	MG....	0.2
H.....	F.....	NA....	39.
HE....	FE(TOT)..	NB....	504.. 15.
CA....	HCO3....		73.
CL....			12.
CO....	K.....		2.

ISOTOPES (0/100)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00541

GEOHERM SAMPLE FILE

GEOHERM FILE 101 0017357

NAME OF SAMPLE SOURCE... SARATOGA HOT SPRINGS

WELL/SPRING NUMBER..... (C- 5- 1)25CU-S

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 055 001W 25 SE OF SW
 STATE..... UTAH

LAT/LONG... 40-21.0 N 111-54.3 W
 UTM ZONE... +12

COUNTY..... UTAH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SARATOGA SPRINGS 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

NORTHING... 4466787.
 423143.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1933/00/00

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1503.
 ANALYSIS IN PPM

AL....	CR.....	MG...	34.	<u>ISOTOPES (0/001)</u>	
H.....	F.....	NA...	273.		
BE....	FE(TOT).	NB...		504..	388.
CA.... 148.	MC03.... 281.				
CL.... 361.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00542

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SHELLEY, S. J.
 WELL/SPRING NUMBER..... (C- 5- 1)2380A-1

GEOTHERM FILE ID: 0017146

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 001W 23 NE OF SE NW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. J5
 MAP REFERENCE..... SARATOGA SPRINGS 1124000

COORDINATES

LAT/LONG... 40-22.38 N 111-54.96 W
 UTM ZONE... +12
 NORTHING... 4469350.
 422235.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/05
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 32.

WATER ANALYSIS

PH..... 6.9
 SPECIFIC CONDUCTANCE..... 2300.
 TOTAL DISSOLVED SOLIDS... 1380.
 ANALYSIS IN PPM

AL....	CR.....	MG...	55.	<u>ISOTOPES (0/001)</u>	
H.....	F.....	NA...		SI02.	26.
HA....	FE+3....	NA+K.	213.		
HE....	FE(TOT).	NB...		S04..	438.
CA.... 182.	MC03.... 233.	N03..	0.6		
CL.... 352.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOOUE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00543

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SHIBA M.
 WELL/SPRING NUMBER..... (C- 5- 1)2680B-1

GEOTHERM FILE ID: 0017156

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 055 001W 26 NW OF SE NW LAT/LONG... 40-21.4 N 111-55.08 W
 STATE..... UTAH UTM ZONE... +12
 COUNTY..... UTAH NORTHING... 4467798.
 GEOLOGIC PROVINCE.. 35 422049.
 MAP REFERENCE..... SARATOGA SPRINGS 1124000

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/04/29
 TEMPERATURE (C)..... 30.0
 WELL DEPTH (M)..... 152.

WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 1990.
 TOTAL DISSOLVED SOLIDS... 1230.
 ANALYSIS IN PPM

AL.....	CR.....	MG...	52.	<u>ISOTOPIES (0/00)</u>	
H.....	F.....	NA...		SI02.	29.
HA.....	FE+3...	NA+K.	197.		
HE.....	FE(TOT).	NB...		S04..	328.
CA..... 158.	HCO3..... 310.	NO3..	1.4		
CL..... 312.					

REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00544

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017573

NAME OF SAMPLE SOURCE... SUGARHOUSE STAKE LOS
 WELL/SPRING NUMBER..... (C- 5- 1)25CHB-1

LOCATION
 COUNTRY..... UNITED STATES 055 001W 25 NW OF NW SW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... SARATOGA SPRINGS 1124000

COORDINATES
 LAT/LONG... 40-21.30 N 111-54.30 W
 UTM ZONE... +12
 NORTHING... 4467342.
 423148.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1955/08/09
 TEMPERATURE (C)..... 35.
 WELL DEPTH (M)..... 45.
 DISCHARGE..... 568. L/MIN

WATER ANALYSIS
 PH..... 7.2
 TOTAL DISSOLVED SOLIDS... 1568.
 ANALYSIS IN PPM

AL.....	CR.....	MG...	50.	<u>ISOTOPIES (0/00)</u>	
H.....	F.....	NA...		SI02.	27.
HA.....	FE+3...	NA+K.	246.		
HE.....	FE(TOT).	NB...		S04..	448.
CA..... 192.	HCO3..... 339.	NO3..	N		
CL..... 338.					

REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00545

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017152

NAME OF SAMPLE SOURCE... SUGARHOUSE STAKE LOS CHURCH
WELL/SPRING NUMBER..... (C- 5- 1)25CBA-1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 001W 25 NE OF NW SW
STATE..... UTAH
COUNTY..... UTAH
GEOLOGIC PROVINCE..
MAP REFERENCE..... SARATOGA SPRINGS 1124000LAT/LONG... 40-21.2 N 111-54.1 W
UTM ZONE... +12
NORTHING... 4467400.
422470.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/04/25
TEMPERATURE (C)..... 35.0
WELL DEPTH (M)..... 30.

WATER ANALYSIS

PH..... 7.7
SPECIFIC CONDUCTANCE..... 2240.
TOTAL DISSOLVED SOLIDS... 1420.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL..... CR..... MG... 51.
H..... F..... NA... 33.
HA..... FE+3... NA+K... 277.
HE..... FE(TOT)... NB... 504.. 422.
CA..... 192. HCO3.... 322. NO3... 1.4
CL..... 338.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... SUBITZKY, 1962

RECORD 00546

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017153

NAME OF SAMPLE SOURCE... SUGARHOUSE STAKE LOS CHURCH
WELL/SPRING NUMBER..... (C- 5- 1)25CBA-1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 001W 25 SE OF NW SW
STATE..... UTAH
COUNTY..... UTAH
GEOLOGIC PROVINCE..LAT/LONG... 40-21.1 N 111-54.1 W
UTM ZONE... +12
NORTHING... 4467127.
422467.

MAP REFERENCE..... SARATOGA SPRINGS 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/04/25
TEMPERATURE (C)..... 35.0
WELL DEPTH (M)..... 28.

WATER ANALYSIS

PH..... 7.2
SPECIFIC CONDUCTANCE..... 2280.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL..... CR..... MG... 53.
HE..... FE(TOT)... NB... 504.. 420.
CA..... 192. HCO3.... 352.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00549

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017136

NAME OF SAMPLE SOURCE... U. S. STEEL
 WELL/SPRING NUMBER..... (0- 6- 2)BACB-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 06S 002E 08 NW OF SW NE

LAT/LONG... 40-18.8 N 111-44.46 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... UTAH

NORTHING... 4462995.

GEOLOGIC PROVINCE..

437040.

MAP REFERENCE..... OREM 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.6

WELL DEPTH (M)..... 363.

DISCHARGE..... 14006. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... SUBITZKY, 1962

RECORD 00550

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017135

NAME OF SAMPLE SOURCE... U. S. STEEL

WELL/SPRING NUMBER..... (0- 6- 2)SACC-4

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 06S 002E 05 SW OF SW NE

LAT/LONG... 40-18.7 N 111-44.46 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... UTAH

NORTHING... 4464105.

GEOLOGIC PROVINCE..

437049.

MAP REFERENCE..... OREM 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/06/29

TEMPERATURE (C)..... 20.6

WELL DEPTH (M)..... 324.

DISCHARGE..... 7571. L/MIN

WATER ANALYSIS

PH..... 7.9

TOTAL DISSOLVED SOLIDS... 157.

ANALYSIS IN PPM

AL.....	CR.....	MO... 8.9		
H.....	F..... 0.25	NA... 11.	SI02.	11.
BA.....	FE+3... 0.24	NA+K. 19.		
HE.....	FE(TQT). 146.	NO... 21.	SO4..	21.
CA... 29.	MCO3....	NO3.. N		
CL... 6.				

ISOTOPES (O/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... SUBITZKY, 1962

RECORD 00551

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... U. S. STEEL
 WELL/SPRING NUMBER..... (U- 6- 2)BCOA-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 002E 08 NE OF SE SW COORDINATES
 STATE..... UTAH LAT/LONG... 40-18.42 N 111-44.58 W
 COUNTY..... UTAH UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4461886.
 MAP REFERENCE..... OREM 1124000 436861.
SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 20.6
 WELL DEPTH (M)..... 332.
 DISCHARGE..... 14763. L/MIN
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00552

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... U. S. STEEL
 WELL/SPRING NUMBER..... (U- 6- 2)8UCA-6
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 002E 08 NE OF SW NW COORDINATES
 STATE..... UTAH LAT/LONG... 40-18.84 N 111-44.88 W
 COUNTY..... UTAH UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4462667.
 MAP REFERENCE..... OREM 1124000 436442.
SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 20.6
 WELL DEPTH (M)..... 325.
 DISCHARGE..... 10599. L/MIN
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00553

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... U. S. STEEL
 WELL/SPRING NUMBER..... (U- 6- 2)8BCU-4
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06S 002E 08 SE OF SW NW COORDINATES
 STATE..... UTAH LAT/LONG... 40-18.72 N 111-44.88 W
 COUNTY..... UTAH UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4462445.
 MAP REFERENCE..... OREM 1124000 436441.
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1948/12/07
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 253.

DISCHARGE..... R320. L/MIN
WATER ANALYSISPH..... 8.
TOTAL DISSOLVED SOLIDS... 141.
ANALYSIS IN PPM

AL....	CR.....	MG...	9.4	<u>ISOTOPES (0/00)</u>	
BA....	F.....	NA...		SI02.	15.
CA....	FE+3...	NA+K.	7.8		
CL....	FE(TOT).	NB...		S04..	8.2
	HCO3....	NO3..	N		

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... SUBITZKY, 1962

RECORD 00554

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED
WELL/SPRING NUMBER..... (C-11- 2)JAD-S

GEOTHERM FILE 101 0017577

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 115 002W 03 SE OF NE.

COORDINATES

LAT/LONG... 39-53.94 N 112-02.70 W
UTM ZONE... +12
NORTHING... 4416860.
410665.

COUNTY..... UTAH

GEOLOGIC PROVINCE..

MAP REFERENCE..... EUREKA 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/08/26
TEMPERATURE (C)..... 22.2

DISCHARGE..... 7.6 L/MIN

WATER ANALYSIS

PH..... 7.6
SPECIFIC CONDUCTANCE... 571.
TOTAL DISSOLVED SOLIDS... 380.

ANALYSIS IN PPM

AG....	CO3..... N	<u>ISOTOPES (0/00)</u>			
AL....	CR.....	MG...	14.		
BA....	F.....	NA...		SI02.	39.
CA....	FE+3...	NA+K.	27.		
CL....	FE(TOT).	NB...		S04..	35.
	HCO3....	NO3..	N		

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... CURDUVA, 1969

RECORD 00555

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... V.V. STAKE LOS CHURCH

WELL/SPRING NUMBER..... (C- 5- 1)240CU-1

GEOTHERM FILE 101 0017147

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH USS 001W 24 SE OF SW SE

COORDINATES

LAT/LONG... 40-21.8 N 111-53.5 W
UTM ZONE... +12

COUNTY..... UTAH
 GEOLOGIC PROVINCE.. JS
 MAP REFERENCE..... SARATOGA SPRINGS 112400
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1957/06/05
 TEMPERATURE (C)..... 22.7
 WELL DEPTH (M)..... 27.

NORTHING... 4468330.
 424262.

WATER ANALYSIS

PH..... 7.5
 TOTAL DISSOLVED SOLIDS... 1060.

ANALYSIS IN PPM

AL.....	CR.....	MG... 44.		
B.....	F.....	NA... 36.	SI02.	36.
BA.....	FE+3....	NA+K. 156.		
HE.....	FE(TOT)..	NH... 266.	S04..	266.
CA... 120.	HCO3.... 255.	NO3.. N		
CL... 210.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00556

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARM SPRING
 WELL/SPRING NUMBER..... (U-10-118C-S)

GEOHERM FILE ID: 0017579

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 10S 00E 08 SW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-57.42 N 111-51.24 W
 UTM ZONE... +12
 NORTHING... 4423124.
 427055.

MAP REFERENCE..... SANTAQUIN 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/06/15
 TEMPERATURE (C)..... 21.
 DISCHARGE..... R 15974. L/MIN

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE... 2320.
 TOTAL DISSOLVED SOLIDS... 1320.

ANALYSIS IN PPM

AG... 0.02	CO3... N	LI... 0.13		
AL... 0.2	CR.....	MG... 40.		
B.....	F..... 1.2	NA... 343.	SI02.	17.
HE.....	FE(TOT)..	NH... 115.	S04..	115.
BI.....	GA.....	NH4..	SR... 1.3	
HR.....	GE.....	NI... N		
CA... 87.	HCO3.... 314.	NO3.. 2.1		
CA+MG.	MG.....	PH... N		
CL... 540.				
CO... 19.	K..... 19.	ZN... 0.03		

ISOTOPES (0/00)

QUALIFICATION FIELD... DISCHARGE RANGES FROM 11734 TO 20214 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00557

GEOTHERM FILE ID: 0017142

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARM SPRING, WEST SHORE OF UTAH LAKE
 WELL/SPRING NUMBER..... (U- 7- 1)BBBC-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 075 001E 08 SW OF NW NW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... LINCOLN POINT 112400

COORDINATES

LAT/LONG... 40-13.68 N 111-51.90 W
 UTM ZONE... +12
 NORTHING... 4453212.
 426409.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/09/11
 TEMPERATURE (C)..... 23.9

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 2430.
 TOTAL DISSOLVED SOLIDS... 1430.

ANALYSIS IN PPM

AL....	CR.....	MG...	59.		
H.....	F.....	NA...		SI02.	16.
HA....	FE+3...	NA+K.	342.		
HE....	FE(TOT).	NB...		S04..	314.
CA.... 88.	HCO3.... 196.	NO3..	0.8		
CL.... 510.					

ISOTOPIES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00558

GEOTHERM FILE ID: 0017141

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARM SPRING, WEST SHORE OF UTAH LAKE
 WELL/SPRING NUMBER..... (U- 7- 1)5CCB-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 075 001E 05 NW OF SW SW
 STATE..... UTAH
 COUNTY..... UTAH
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... LINCOLN POINT 112400

COORDINATES

LAT/LONG... 40-14.04 N 111-51.96 W
 UTM ZONE... +12
 NORTHING... 4453879.
 426329.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/09/11
 TEMPERATURE (C)..... 25.0

WATER ANALYSIS

PH..... 6.9
 SPECIFIC CONDUCTANCE..... 2570.
 TOTAL DISSOLVED SOLIDS... 1570.

ANALYSIS IN PPM

AL....	CR.....	MG...	58.		
H.....	F.....	NA...		SI02.	15.
HA....	FE+3...	NA+K.	342.		
HE....	FE(TOT).	NB...		S04..	325.

ISOTOPIES (0/00)

CA.... 144. HCO3.... 348. NO3.. 0.8

CL.... 510.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00559

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017154

NAME OF SAMPLE SOURCE... WILFUND STAKE LOS CHURCH

WELL/SPRING NUMBER..... (C- 5- 1)25CCB-2

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 05S 001W 25 NW OF SW SW

LAT/LONG... 40-21.0 N 111-54.3 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... UTAH

NORTHING... 4467129.
422297.

GEOLOGIC PROVINCE..

MAP REFERENCE..... SARATOGA SPRINGS 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/04/29

TEMPERATURE (C)..... 35.0

WELL DEPTH (M)..... 45.

DISCHARGE..... 379. L/MIN

WATER ANALYSIS

PH..... 7.3

SPECIFIC CONDUCTANCE..... 2230.

TOTAL DISSOLVED SOLIDS... 1420.

ANALYSIS IN PPMISOTOPES (0/00)

AL....	CR....	MG...	52.		
B....	F....	NA...		5102.	30.
BA....	FE+3...	NA+K.	229.		
BE....	FE(TOT).	NB...		504..	426.
CA.... 188.	HCO3.... 316.	NO3..	1.1		
CL.... 338.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SUBITZKY, 1962

RECORD 00560

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017121

NAME OF SAMPLE SOURCE... WOOD SPRINGS

WELL/SPRING NUMBER..... (D- 7- 3)32D-S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 07S 003E 32 SE

LAT/LONG... 40-10.02 N 111-37.32 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... UTAH

NORTHING... 4445823.
447116.

GEOLOGIC PROVINCE.. 35

MAP REFERENCE..... SPRINGVILLE 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/04/28

TEMPERATURE (C)..... 0 22.7

DISCHARGE..... 6208. L/MIN

WATER ANALYSIS

Pt..... 8.1
 SPECIFIC CONDUCTANCE..... 677.
 TOTAL DISSOLVED SOLIDS... 391.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CH.....	MG...	29.	
H....		F.....	NA...		5102. 8.6
HA....		FE+3....	NA+K..	21.	
HE....		FE(TOT)..	NH...		504.. 67.
CA....	86.	HCO3....	NO3...	7.1	
CL....	20.				

ISOTOPES (0/00)

QUALIFICATION FIELD..... TEMPERATURE 6 C ON P27 OF BASIC DATA REPORT 16.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00561

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017123

NAME OF SAMPLE SOURCE... YOUNG, K.
 WELL/SPRING NUMBER..... (U- 8- 2)32AAD-1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	08S 002E 32	SE OF NE NE	LAT/LONG...	40-04.7 N 111-43.9 W
STATE.....	UTAH			UTM ZONE...	+12
COUNTY.....	UTAH			NORTHING...	4437128.
GEOLOGIC PROVINCE..	35				437506.
MAP REFERENCE.....	SPANISH FORK 112400				

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/09/28
 TEMPERATURE (C)..... 26.6
 WELL DEPTH (M)..... 36.
 DISCHARGE..... E 5.7 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA, 1969

RECORD 00562

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017467

NAME OF SAMPLE SOURCE... EUGENE PAYNE
 WELL/SPRING NUMBER..... (U- 3- 4)26CA-51

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	03S 004E 26	NE OF SW SW	LAT/LONG...	40-31.53 N 111-28.08 W
STATE.....	UTAH			UTM ZONE...	+12
COUNTY.....	WASATCH			NORTHING...	4485592.
GEOLOGIC PROVINCE..	37				460102.
MAP REFERENCE.....	MEHER CITY 112400				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/09/28
 TEMPERATURE (C)..... 39.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 2200.

TOTAL DISSOLVED SOLIDS... 1730.
 CHARGE IMBALANCE (% DIFF)... 0.9
 ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....		MG... 68.		
B.....	0.67	F.....	2.2	NA... 114.	SI02. 23.	
BE....		FE(TOT).		NB... 504..	661.	
CA....	331.	HCO3....	674.	NO3.. 0.1		
CL....	108.					
CO....		K.....	25.			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1970

RECORD 00563

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017468

NAME OF SAMPLE SOURCE... MIDWAY HOT SPRINGS

WELL/SPRING NUMBER..... (U- 3- 4)27BAD-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 035 004E 27 NE OF SE

STATE..... UTAH

LAT/LONG... 40-31.92 N 111-28.86 W

COUNTY..... WASATCH

UTM ZONE... +12

GEOLOGIC PROVINCE.. 37

NORTHING... 4486707.

MAP REFERENCE..... HEBER CITY 1:24000

459261.

OTHER LOCALITY INFORMATION: ABOUT 4 MILES WEST OF HEBER CITY

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/09/28

TEMPERATURE (C)..... 39.8

DISCHARGE..... E 568. L/MIN

WATER ANALYSIS

PH..... 7.3

SPECIFIC CONDUCTANCE... 2560.

TOTAL DISSOLVED SOLIDS... 1990.

ANALYSIS IN PPM

AG....		CO3.....		LI... 0.36		
AL....		CR.....		MG... 73.		
B.....	0.79	F.....	2.5	NA... 151.	SI02. 28.	
BE....		FE(TOT).		NB... 504..	820.	
BR....	0.7					
CA....	389.	HCO3....	728.	NO3.. 0.1		
CL....	138.	I.....	0.01			
CO....		K.....	31.			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1970

RECORD 00564

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017380

NAME OF SAMPLE SOURCE... MIDWAY HOT SPRINGS

WELL/SPRING NUMBER..... (U- 3- 4)268CA-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 035 004E 26 NE OF SW NW

LAT/LONG... 40-31.98 N 111-28.14 W

STATE..... UTAH
 COUNTY..... WASATCH
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... HEBER CITY 1124000
 OTHER LOCALITY INFORMATION: ABOUT 4 MILES WEST OF HEBER CITY

UTM ZONE... +12
 NORTHING... 4486812.
 460278.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/07/01

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1890.

ANALYSIS IN PPM

AL.....	CR.....	MG...	16.		
H.....	F..... 0.3	NA...		SI02.	5.6
HA.....	FE+3...	NA+K.	257.		
HE.....	FE(TOT).	NB...		S04..	69B.
CA..... 358.	HCO3.... 754.	NO3..	0.1		
CL..... 121.					

ISOTOPE (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00565

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017474

NAME OF SAMPLE SOURCE... MIDWAY HOT SPRINGS

WELL/SPRING NUMBER..... (D- 3- 4)27CND-S3

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	03S 004E 27	SE OF NW SW	LAT/LONG... 40-31.5 N 111-29.2 W
STATE..... UTAH			UTM ZONE... +12
COUNTY..... WASATCH			NORTHING... 4485711.
GEOLOGIC PROVINCE.. MAP REFERENCE..... HEBER CITY 1124000			458663.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/16

TEMPERATURE (C)..... 28.

OTHER SAMPLE INFORMATION.. MULTIPLE ORFICES SCATTERED OVER LARGE AREA

WATER ANALYSIS

pH..... 7.7

SPECIFIC CONDUCTANCE..... 2610.

TOTAL DISSOLVED SOLIDS... 1980.

CHARGE IMBALANCE (% DIFF)... 2.8

ANALYSIS IN MG/L

AG.....	CO3..... N	MG...	88.		
AL.....	CR.....	NA...	163.	SI02.	21.
B..... 0.8	F..... 2.7	NB...		S04..	895.
HE.....	FE(TOT).	NO3.. N			
CA..... 324.	HCO3.... 584.				
CL..... 150.					
CO.....	K..... 33.				

ISOTOPE (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1970

RECORD 00566

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIDWAY HOT SPRINGS

GEOHERM FILE ID: 0017381

WELL/SPRING NUMBER..... (D- 3- 4)278AB-S1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES

STATE..... UTAH 03S 004E 27 NW OF NE NW LAT/LONG... 40-32.10 N 111-28.92 W

COUNTY..... WASATCH UTM ZONE... +12

GEOLOGIC PROVINCE.. NORTHING... 4487040.

MAP REFERENCE..... HEBER CITY 1124000 459178.

OTHER LOCALITY INFORMATION: ABOUT 4 MILES WEST OF HEBER CITY

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/09/13

TEMPERATURE (C)..... 45.

WATER ANALYSIS

PH..... 7.5

SPECIFIC CONDUCTANCE..... 2410.

TOTAL DISSOLVED SOLIDS... 1810.

ANALYSIS IN PPM

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

AL.... CR.....

B.... 0.04 F..... 2.5 MG... 83.

HE.... FE(TOT)... NA... 148.

CA.... 345. HCO3.... 644. NO3... 0.4 SI02. 27.

CL.... 132. CO... NO3... 0.4 SO4... 742.

CO.... K..... 16.

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00567

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIDWAY HOT SPRINGS

GEOHERM FILE ID: 0017471

WELL/SPRING NUMBER..... (D- 3- 4)27C8D-S1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES

STATE..... UTAH 03S 004E 27 SE OF NW SW LAT/LONG... 40-31.5 N 111-28.2 W

COUNTY..... WASATCH UTM ZONE... +12

GEOLOGIC PROVINCE.. NORTHING... 4485711.

MAP REFERENCE..... HEBER CITY 1124000 458663.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/23

TEMPERATURE (C)..... 30.

OTHER SAMPLE INFORMATION.. MULTIPLE ORFICES SCATTERED OVER LARGE AREA

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 2280.

ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... BAKER, 1970

RECORD 00568

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIDWAY HOT SPRINGS

GEOHERM FILE ID: 0017473

WELL/SPRING NUMBER..... (D- 3- 4)27C8D-S2

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 035 004E 27 SE OF NW SW

STATE..... UTAH

COUNTY..... WASATCH

GEOLOGIC PROVINCE..

MAP REFERENCE..... HEBER CITY 1:24000

COORDINATES

LAT/LONG... 40-31.5 N 111-29.2 W

UTM ZONE... +12

NORTHING... 4485711.
458663.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/15

TEMPERATURE (C)..... 32.

OTHER SAMPLE INFORMATION.. MULTIPLE ORFICES SCATTERED OVER LARGE AREA

WATER ANALYSIS

PH..... 7.9

SPECIFIC CONDUCTANCE..... 2120.

TOTAL DISSOLVED SOLIDS... 1630.

CHARGE IMBALANCE (% DIFF)... 1.8

ANALYSIS IN MG/L

AG....		CO3.... N						
AL....		CR....		MG.... 74.				
B....	0.64	F....	2.4	NA.... 114.	SI02.. 17.			
HE....		FE(TOT)..		NB....	SO4.. 611.			
CA....	279.	HCO3....	572.	NO3.. N				
CL....	105.							
CO....		K.....	26.					

ISOTOPES (U/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... BAKER, 1970

RECORD 00569

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIDWAY HOT SPRINGS

GEOHERM FILE ID: 0017472

WELL/SPRING NUMBER..... (C- 3- 4)27C8D-S2

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 035 004E 27 SE OF NW SW

STATE..... UTAH

COUNTY..... WASATCH

GEOLOGIC PROVINCE..

MAP REFERENCE..... HEBER CITY 1:24000

COORDINATES

LAT/LONG... 40-31.5 N 111-29.2 W

UTM ZONE... +12

NORTHING... 4485711.
458663.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/09/28

TEMPERATURE (C)..... 29.

OTHER SAMPLE INFORMATION.. MULTIPLE ORFICES SCATTERED OVER LARGE AREA

WATER ANALYSIS

PH..... 7.7

SPECIFIC CONDUCTANCE..... 2180.

TOTAL DISSOLVED SOLIDS... 1710.

CHARGE IMBALANCE (% DIFF)... 0.0

ANALYSIS IN MG/L

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

ISOTOPES (U/00)

AL....		CR.....		MG...	70.		
H.....	0.64	F.....	2.2	NA...	111.	SI02.	19.
HE.....		FE(TOT).		NB...		S04..	643.
CA.....	329.	HCO3....	686.	NO3..	0.1		
CL.....	103.						
CO....		K.....	25.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1970

RECORD 00570

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIDWAY HOT SPRINGS

GEOHERM FILE ID: 0017470

WELL/SPRING NUMBER..... (C- 3- 4)27CHD-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 03S 004E 27 SE OF NW SW

LAT/LONG... 40-31.5 N 111-29.2 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... WASATCH

NORTHING... 4485711.

GEOLOGIC PROVINCE..

458663.

MAP REFERENCE..... HEBER CITY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/16

TEMPERATURE (C)..... 29.

OTHER SAMPLE INFORMATION.. MULTIPLE ORFICES SCATTERED OVER LARGE AREA

WATER ANALYSIS

PH..... 7.8

SPECIFIC CONDUCTANCE..... 2280.

TOTAL DISSOLVED SOLIDS... 1650.

CHARGE IMBALANCE (% DIFF)... 2.2

ANALYSIS IN MG/LISOTOPES (0/100)

AG....

CO3.... N

AL....

CR.....

H..... 0.71

F..... 2.3

MG... 95.

HE.....

FE(TOT).

NA... 130.

SI02. 22.

CA..... 228.

HCO3.... 476.

NB... 719.

CL.... 115.

K..... 28.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1970

RECORD 00571

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MIDWAY HOT SPRINGS

GEOHERM FILE ID: 0017469

WELL/SPRING NUMBER..... (U- 3- 4)27CHD-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 03S 004E 27 SE OF NW SW

LAT/LONG... 40-31.5 N 111-29.2 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... WASATCH

NORTHING... 4485711.

GEOLOGIC PROVINCE..

458663.

MAP REFERENCE..... HEBER CITY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/09/28
 TEMPERATURE (C)..... 29.
 OTHER SAMPLE INFORMATION,, MULTIPLE ORFICES SCATTERED OVER LARGE AREA
 WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 2330.
 TOTAL DISSOLVED SOLIDS... 1840.
 CHARGE IMBALANCE (% DIFF)... 0.1
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....		MG... 72.		
B..... 0.7		F..... 2.1		NA... 125.	SI02. 21.	
HE....		FE(TOT).		NB... 504..	702.	
CA..... 353.		HCO3.... 716.		NO3.. 0.1		
CL.... 119.						
CO....		K..... 28.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BAKER, 1970

RECORD 00572

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017382

NAME OF SAMPLE SOURCE... MIDWAY HOT SPRINGS
 WELL/SPRING NUMBER..... (D- J- 4)27BAC-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 035 004E 27 NE OF SE
 STATE..... UTAH
 COUNTY..... WASATCH

LAT/LONG... 40-31.98 N 111-29.04 W
 UTM ZONE... +12
 NORTHING... 4486819.
 459008.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... NEHER CITY 1124000

OTHER LOCALITY INFORMATION: ABOUT 4 MILES WEST OF NEHER CITY

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/16
 TEMPERATURE (C)..... 40.
 DISCHARGE..... 38. L/MIN

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 2490.
 TOTAL DISSOLVED SOLIDS... 2000.
 ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....		LI... 0.3		
AL....		CR.....		MG... 88.		
H..... 0.8J		F..... 3.1		NA... 152.	SI02. 28.	
HE....		FE(TOT).		NB... 504..	853.	
HM.... 0.5						
CA..... 361.		HCO3.... 696.		NO3.. N		
CL.... 140.		I..... 0.02				
CO....		K..... 32.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00573

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017581

NAME OF SAMPLE SOURCE... ANDERSON RANCH
WELL/SPRING NUMBER..... (C-40-13)27BDB-2

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 40S 013W 27 NW OF SE NW
STATE..... UTAH
COUNTY..... WASHINGTON
GEOLOGIC PROVINCE.. 35
MAP REFERENCE..... NEW HARMONY 1162500

COORDINATES

LAT/LONG... 37-17.10 N 113-18.24 W
UTM ZONE... +12
NORTHING... 4128774.
295747.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/29
TEMPERATURE (C)..... 21.
WELL DEPTH (M)..... 91.
DISCHARGE..... 79. L/MIN

WATER ANALYSIS

PH..... 7.9
SPECIFIC CONDUCTANCE..... 484.
TOTAL DISSOLVED SOLIDS... 295.

ANALYSIS IN MG/L

AG....	CO3.... N				
AL....	CR....	MG...	23.		
B.... 0.03	F....	NA...		SI02.	28.
BA....	FE+3....	NA+K..	8.0		
HE....	FE(TOT)..	NH...		S04..	18.
CA.... 58.	HC03.... 228.	NO3...	6.8		
CL.... 33.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00574

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017584

NAME OF SAMPLE SOURCE... BERRY SPRING
WELL/SPRING NUMBER..... (C-42-14)18CB-S1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 42S 014W 01 NW OF SW NW
STATE..... UTAH
COUNTY..... WASHINGTON
GEOLOGIC PROVINCE.. 35
MAP REFERENCE..... HURRICANE 1162500

COORDINATES

LAT/LONG... 37-09.94 N 113-22.97 W
UTM ZONE... +12
NORTHING... 4115634.
288318.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/10/07
TEMPERATURE (C)..... 23.5
DISCHARGE..... E 125. L/MIN

WATER ANALYSIS

PH..... 8.
SPECIFIC CONDUCTANCE..... 1640.
TOTAL DISSOLVED SOLIDS... 1180.
CHANGE IMBALANCE (% DIFF)... 4.8

ANALYSIS IN MG/L

AL....	CR....	MG...	72.		
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ISOTOPES (0/00)

H..... 0.45 F..... 0.8 NA... 80.
 HE..... FE(TOT). NB... 504.. 667.
 CA..... 200. HCO3..... 182.
 CL..... 64. K..... 9.8
 CO.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00575

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DIXIE SPRINGS FARM GEOTHERM FILE 101 0017587
 WELL/SPRING NUMBER..... (C-42-14)12DCC-1

LOCATION

LOCATION		TOWNSHIP-RANGE	COORDINATES	
COUNTRY.....	UNITED STATES	42S 014W 12	SW OF SW SE	LAT/LONG... 37-08.5 N 113-22.4 W
STATE.....	UTAH			UTM ZONE... +12
COUNTY.....	WASHINGTON			NORTHING... 4112951.
GEOLOGIC PROVINCE..				289951.
MAP REFERENCE.....	HURRICANE 1162500			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/09/11
 TEMPERATURE (C)..... 20.
 WELL DEPTH (M)..... 43.
 DISCHARGE..... 382. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 383.
 ANALYSIS IN MG/L
 CL..... 27.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00576

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... EARL, E. GEOTHERM FILE 101 0017597
 WELL/SPRING NUMBER..... (C-42-16)24ACA-1

LOCATION

LOCATION		TOWNSHIP-RANGE	COORDINATES	
COUNTRY.....	UNITED STATES	42S 016W 24	NE OF SW NE	LAT/LONG... 37-07.22 N 113-35.52 W
STATE.....	UTAH			UTM ZONE... +12
COUNTY.....	WASHINGTON			NORTHING... 4111012.
GEOLOGIC PROVINCE..				269796.
MAP REFERENCE.....	ST. GEORGE 1162500			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/18
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 41.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 3630.
 ANALYSIS IN MG/L
 CL..... 110.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CONDOVA AND OTHERS, 1972

RECORD 00577

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017595

NAME OF SAMPLE SOURCE... EMPEY, K.
 WELL/SPRING NUMBER..... (C-42-15)30DCU-2

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 42S 015W 30 SE OF SW SE

LAT/LONG... 37-05.82 N 113-34.32 W

STATE..... UTAH
 COUNTY..... WASHINGTON

UTM ZONE... +12

GEOLOGIC PROVINCE.. 35

NORTHING... 4108636.
 271421.

MAP REFERENCE..... ST. GEORGE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/15

TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 7.6

WATER ANALYSIS

PH..... 7.6

SPECIFIC CONDUCTANCE..... 4090.

TOTAL DISSOLVED SOLIDS... 3740.

ANALYSIS IN MG/LISOTOPES (0/00)

AG.... CO3.... N

AL.... CR....

B.... 2. F.... MG... 148.

BA.... FE+3.... NA... 82.

BE.... FE(TOT)... NA+K... 562.

CA.... 369. HCO3.... 320. NB... 504.. 2150.

CL.... 150. NO3... 49.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... CONDOVA AND OTHERS, 1972

RECORD 00578

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017588

NAME OF SAMPLE SOURCE... FAWCETT, M.

WELL/SPRING NUMBER..... (C-42-14)15CBA-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 42S 014W 15 NE OF NW SW

LAT/LONG... 37-07.92 N 113-25. W

STATE..... UTAH
 COUNTY..... WASHINGTON

UTM ZONE... +12

GEOLOGIC PROVINCE..

NORTHING... 4112045.

MAP REFERENCE..... HURRICANE 1162500

285383.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/09/12

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 98.

DISCHARGE..... 416. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1500.

ANALYSIS IN MG/LISOTOPES (0/00)

CL.... 35.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00579

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017591

NAME OF SAMPLE SOURCE... GREEN SPRING
 WELL/SPRING NUMBER..... (C-42-15)1588A-S1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 42S 015W 15 NE OF NW NW
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... ST. GEORGE 1162500

COORDINATES

LAT/LONG... 37-08.30 N 113-31.66 W
 UTM ZONE... +12
 NORTHING... 4113076.
 275631.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/03/30
 TEMPERATURE (C)..... 23.5

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2010.
 TOTAL DISSOLVED SOLIDS... 1240.
 CHARGE IMBALANCE (% DIFF)... 2.6

ANALYSIS IN MG/L

AG....		CO3.....	4.						
AL....		CR.....		MG...	22.				
R....	0.8	F.....	1.6	NA...	283.				
RE....		FE(TOT).		NB...		504..	415.		
CA....	100.	HCO3....	206.						
CL....	285.								
CO....		K.....	25.						

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00580

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017592

NAME OF SAMPLE SOURCE... GREEN SPRING
 WELL/SPRING NUMBER..... (C-42-15)1588A-S1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 42S 015W 15 NE OF NW NW
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... ST. GEORGE 1162500

COORDINATES

LAT/LONG... 37-08.30 N 113-31.63 W
 UTM ZONE... +12
 NORTHING... 4113076.
 275631.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/16
 TEMPERATURE (C)..... 21.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2010.
 ANALYSIS IN MG/L

CL.... 295.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00581

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017580

NAME OF SAMPLE SOURCE... IRVINE SPRING
 WELL/SPRING NUMBER..... (C-39-16)140BA-S1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE SE OF NW
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... CENTRAL EAST 1:24000
 OTHER LOCALITY INFORMATION: LATITUDE AND LONGITUDE FROM BERRY, 1980

COORDINATES
 LAT/LONG... 37-23.58 N 113-36.60 W
 UTM ZONE... +12
 NORTHING... 4141355.
 268855.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/22
 TEMPERATURE (C)..... 21.
 DISCHARGE..... 178. L/MIN

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 405.
 TOTAL DISSOLVED SOLIDS... 246.

ANALYSIS IN MG/L

AG....		CO3..... N			
AL....		CR.....	MG... 16.		
B....	0.04	F.....	NA... 13.	SI02. 26.	
BA....		FE+3....	NA+K. 13.		
BE....		FE(TOT).	NB... 504..	17.	
CA....	51.	HCO3..... 222.	NO3.. 1.		
CL....	14.				

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00582

GEOHEM SAMPLE FILE

GEOHEM FILE ID: 0017599

NAME OF SAMPLE SOURCE... JONES, E.
 WELL/SPRING NUMBER..... (C-43-16)220AB-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE NW OF NE SE
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... ST. GEORGE 1:62500

COORDINATES
 LAT/LONG... 37- 1.74 N 113-37.50 W
 UTM ZONE... +12
 NORTHING... 4101109.
 266498.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/08
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 14.
 DISCHARGE..... 38. L/MIN

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 8190.
 TOTAL DISSOLVED SOLIDS... 6860.

ANALYSIS IN MG/L

ISOTOPIES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG....	365.		
B.....	1.6	F.....	NA....		SI02.	17.
HA....		FE+3....	NA+K..	1110.		
HE....		FE(TOT).	NH....		S04...	2790.
CA....	581.	HCO3....	NO3...	15.		
CL....	1560.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00583

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0018072

NAME OF SAMPLE SOURCE... LA VERKIN HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 42S 013W 25 SW OF SW
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE..

LAT/LONG... 37-11.40 N 113-16.30 W
 UTM ZONE... +12
 NORTING... 4118163.
 298361.

MAP REFERENCE..... DIXIE NATIONAL FOREST MAP (?)

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.8

WATER ANALYSIS

PH..... 6.5
 TOTAL DISSOLVED SOLIDS... 9740.
 CHARGE IMBALANCE (% DIFF)... 5.9

ANALYSIS IN PPM

AG....		CO3..... N	LI....	0.31		
AL....		CR.....	MG....	147.		
AS....	0.150					
B.....	2.3	F.....	2.9	NA....	2291.	SI02. 32.
HE....		FE(TOT).	0.16	NH...		S04... 1688.
HI....		GA.....		NH4...		SR... 6.9
CA....	760.	HCO3....	992.	NO3... N		
CI....		H2S.....		PO4... Q	0.25	
CL....	3363.					
CO....		K.....	216.			
				ZN... L	0.02	

ISOTOPES (0/00)QUALIFICATION FIELD..... PO₄ CALCULATED FROM P.REFERENCE AND IDENTIFICATION

COMPILER AFFILIATION... ARIZONA BUREAU OF GEOLOGY AND MINERAL TECHNOLOGY
 REFERENCE..... SWANBERG AND OTHERS, 1977

RECORD 00584

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017110

NAME OF SAMPLE SOURCE... LAVERNIN (DIXIE) HOT SPRING

WELL/SPRING NUMBER..... (C-41-13)25-S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 41S 013W 25 SW
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE..

LAT/LONG... 37-11.4 N 113-16.1 W
 UTM ZONE... +12
 NORTING... 4118034.
 299120.

MAP REFERENCE..... HURRICANE 1162500

OTHER LOCALITY INFORMATION: ABOUT 18 MILES EAST-NORTHEAST OF ST. GEORGE; LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/02/05

WATER ANALYSIS

PH..... 6.8
 SPECIFIC CONDUCTANCE..... 13800.
 TOTAL DISSOLVED SOLIDS... 9760.
 CHARGE IMBALANCE (% DIFF)... 1.7

ANALYSIS IN PPM

AL....		CR.....		MG...	169.	<u>ISOTOPE (0/00)</u>	
H.....	5.3	F.....	3.1	NA...	2340.	SI02.	30.
HE....		FE(TOT).		NB...		S04..	1970.
CA....	825.	HCO3....	1300.	NO3..	3.2		
CL....	3600.						
CO....		K.....	175.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00585

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LAVENKIN (DIXIE) HOT SPRING

WELL/SPRING NUMBER..... (C-41-13)25-S

GEOHERM FILE ID: 0017111

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 41S 013W 25 SW
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... HURRICANE 1162500

COORDINATES

LAT/LONG... 37-11.4 N 113-16.1 W
 UTM ZONE... +12
 NORTHING... 4118034.
 299128.

OTHER LOCALITY INFORMATION: ABOUT 18 MILES EAST-NORTHEAST OF ST. GEORGE; LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/03/25

TEMPERATURE (C)..... 42.2

DISCHARGE..... 17034. L/MIN

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 14200.
 TOTAL DISSOLVED SOLIDS... 9530.

ANALYSIS IN PPM

AG....		CO3....		LI...	2.0	<u>ISOTOPE (0/00)</u>	
AL....		CR.....	L 0.0014	MG...	128.		
AS....		CS.....		MN... L	0.0014		
AU....		CU.....	L 0.0014	MU... L	0.00029		
H.....	4.8	F.....	2.6	NA...	2530.	SI02.	28.
HE....	L 0.00057	FE(TOT).	0.0097	NB...		S04..	1990.
HI....	L 0.00029	GA.....	L 0.0057				
BR....	1.5	GE.....	0.06	NI...	0.0019		
CA....	643.	HCO3....	721.	NO3..	0.9	TI... L	0.00057
CA-MG.		MO.....		PB... L	0.0014		
CU....		H2S....		PU4..		V.... L	0.0003
CL....	3620.	I.....	0.32				
CO....	L 0.0014	K.....	220.			ZN... L	0.014

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00586

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017109

NAME OF SAMPLE SOURCE... LAVERKIN (DIXIE) HOT SPRING

WELL/SPRING NUMBER..... (C-41-13)25-S

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES

STATE..... UTAH 41S 013W 25 SW LAT/LONG... 37-11.4 N 113-16.1 W

COUNTY..... WASHINGTON UTM ZONE... +12

GEOLOGIC PROVINCE.. NORTHING... 4118034.

MAP REFERENCE..... HURRICANE 1162500 299128.

OTHER LOCALITY INFORMATION: ABOUT 18 MILES EAST-NORTHEAST OF ST. GEORGE; LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1940/06/03

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 9460.

CHARGE IMBALANCE (% DIFF)... 1.0

ANALYSIS IN PPM

AL....	CR.....	MG...	165.	<u>ISOTOPES (0/00)</u>	
H....	F.....	NA...	2300.	SI02.	10.
HE....	FE(TOT).	NR...		S04..	1960.
CA.... 787.	MC03.... 1270.	NO3..	0.2		
CL.... 3440.					
CO....	K..... 167.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... MUNDORFF, 1970

RECORD 00587

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017379

NAME OF SAMPLE SOURCE... LAVERKIN (DIXIE) HOT SPRINGS

WELL/SPRING NUMBER..... (C-41-13)25-S

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES

STATE..... UTAH 41S 013W 25 SW LAT/LONG... 37-11.4 N 113-16.1 W

COUNTY..... WASHINGTON UTM ZONE... +12

GEOLOGIC PROVINCE.. NORTHING... 4118497.

MAP REFERENCE..... HURRICANE 1162500 298339.

OTHER LOCALITY INFORMATION: ABOUT 18 MILES EAST-NORTHEAST OF ST. GEORGE; LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/08/31

TEMPERATURE (C)..... 37.7

DISCHARGE..... 18169 L/MIN

WATER ANALYSIS

PH.....			7.4	<u>ISOTOPES (0/00)</u>	
SPECIFIC CONDUCTANCE....			13500.		
TOTAL DISSOLVED SOLIDS...			9390.		
CHARGE IMBALANCE (% DIFF)...			0.2		
ANALYSIS IN PPM					
AL....	CR.....	MG...	148.		
H.... 5.	F..... 2.1	NA...	2490.	SI02.	20.
HE....	FE(TOT).	NR...		S04..	2050.

CA.... 590. HCO3.... 583. NO3.. 3.2
 CL.... 3610.
 CO.... K..... 177.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00588

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017377

NAME OF SAMPLE SOURCE... LAYERKIN (DIXIE) HOT SPRINGS
 WELL/SPRING NUMBER..... (C-41-13)25-S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 41S 013W 25
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... HURRICANE 1162500

LAT/LONG... 37-11.4 N 113-16.1 W
 UTM ZONE... +12
 NORTHING... 4118497.
 298339.

OTHER LOCALITY INFORMATION: ABOUT 18 MILES EAST-NORTHEAST OF ST. GEORGE; LOCATION APPROXIMATE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/08/15

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 13900.
 TOTAL DISSOLVED SOLIDS... 9610.

ANALYSIS IN PPMISOTOPES (0/00)

AL....	CR.....	MG...	197.		
H....	F.....	NA...		5102.	9.3
HA....	FE+3...	NA+K.	2430.		
HE....	FE(TOT).	NB...		504..	1940.
CA.... 816.	HCO3.... 1290.				
CL.... 3580.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00589

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017112

NAME OF SAMPLE SOURCE... MYERS
 WELL/SPRING NUMBER..... (C-42-15)148BC-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 42S 015W 14 SW. OF NW NW
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ST. GEORGE 1162500

LAT/LONG... 37-08.25 N 113-30.73 W
 UTM ZONE... +12
 NORTHING... 4112715.
 276688.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/16

TEMPERATURE (C)..... 20.0

WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 673.
 TOTAL DISSOLVED SOLIDS... 435.
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	35.		
H..... 0.1	F.....	NA...		SI02.	19.
BA....	FE+3....	NA+K.	16.		
HE....	FE(TOT).	NB...		S04..	191.
CA.... 63.	MC03.... 220.	NO3..	9.4		
CL.... 29.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00590

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017590

NAME OF SAMPLE SOURCE... NISSON D.
 WELL/SPRING NUMBER..... (C-42-15)14DAD-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 42S 015W 14 SE OF NE SE
 STATE..... UTAH
 COUNTY..... WASHINGTON

LAT/LONG... 37- 7.74 N 113-29.8 W
 UTM ZONE... +12
 NORTING... 4111889.
 278533.

GEOLOGIC PROVINCE..

MAP REFERENCE..... HURRICANE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/08/22

TEMPERATURE (C)..... 20.

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

DISCHARGE..... 435. L/MIN

WATER ANALYSIS

PH..... 8.2

SPECIFIC CONDUCTANCE..... 1610.

TOTAL DISSOLVED SOLIDS... 1180.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	81.		
B.....	F.....	NA...		SI02.	13.
BA....	FE+3....	NA+K.	204.		
BE....	FE(TOT).	NB...		S04..	616.
CA.... 92.	MC03.... 366.	NO3..	0.1		
CL.... 47.					

ISOTOPIES (D/001)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00591

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017596

NAME OF SAMPLE SOURCE... SCHMUTZ BROS.
 WELL/SPRING NUMBER..... (C-42-15)33DD-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 42S 015W 33 SE OF SE SE
 STATE..... UTAH
 COUNTY..... WASHINGTON

LAT/LONG... 37-04.9 N 113-31.9 W
 UTM ZONE... +12
 NORTING... 4106982.
 275113.

GEOLOGIC PROVINCE..

MAP REFERENCE..... ST. GEORGE 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/15
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 14.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 6490.
 TOTAL DISSOLVED SOLIDS... 5460.

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	255.		
H....	1.3	F.....	NA...	790.	SI02..	22.
BE....		FE(TOT).	NB...		S04...	2230.
CA....	597.	HCO3..... 384.	NO3...	51.		
CL....	1120.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00592

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017598

NAME OF SAMPLE SOURCE... SEEGMILLER

WELL/SPRING NUMBER..... (C-43-15)10ACC-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 43S 015W 10 SW OF SW NE

STATE..... UTAH

COUNTY..... WASHINGTON

GEOLOGIC PROVINCE..

MAP REFERENCE..... ST. GEORGE 1162500

COORDINATES

LAT/LONG... 37-03.6 N 113-31.26 W

UTM ZONE... +12

NORTHING... 4104076.

275836.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/18
 TEMPERATURE (C)..... 20.5
 WELL DEPTH (M)..... 30.
 DISCHARGE..... 227.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 4520.
 TOTAL DISSOLVED SOLIDS... 4080.

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CR.....	MG...	219.		
H....	0.45	F.....	NA...		SI02..	22.
NA....		FE3.....	NA+K..	344.		
BE....		FE(TOT).	NB...		S04...	2050.
CA....	581.	HCO3..... 240.	NO3...	56.		
CL....	512.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00593

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SNOW SPRING

GEOHERM FILE 101 0017583

WELL/SPRING NUMBER..... (C-41-16)34BDA-S1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 41S 016W 34 NE OF SE NW

LAT/LONG... 37-10.66 N 113-38.06 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... WASHINGTON

NORTHING... 4117667.

GEOLOGIC PROVINCE.. 35

266068.

MAP REFERENCE..... ST. GEORGE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/08/28

TEMPERATURE (C)..... 21.

DISCHARGE..... 98.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 360.

ANALYSIS IN MG/L

CL.... 13.

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... CONDOVA AND OTHERS, 1972

RECORD 00594

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STRINGHAM, E.

GEOHERM FILE 101 0017594

WELL/SPRING NUMBER..... (C-42-15)30C80-1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 42S 015W 30 SE OF NW SW

LAT/LONG... 37- 6.00 N 113-34.9 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... WASHINGTON

NORTHING... 4108877.

GEOLOGIC PROVINCE..

270716.

MAP REFERENCE..... ST. GEORGE 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/15

TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 9.1

WATER ANALYSIS

PH..... 7.8

SPECIFIC CONDUCTANCE..... 4110.

TOTAL DISSOLVED SOLIDS... 4030.

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG....

CO3..... N

AL....

CR.....

MG... 195.

H.... 1.3

F.....

NA... 5102. 96.

HA....

FE+3....

NA+K. 402.

HE....

FE(TOT)..

NB... 504.. 2320.

CA.... 521.

HCO3.... 338.

NO3... 79.

CL.... 125.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... CONDOVA AND OTHERS, 1972

RECORD 00595

GEOTHERM FILE ID: 0017116

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TULLIS, S.

WELL/SPRING NUMBER..... (C-36-15)7DBA-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 36S 01SW 07 NE OF NW SE

STATE..... UTAH

COUNTY..... WASHINGTON

GEOLOGIC PROVINCE.. 35

MAP REFERENCE..... NEWCASTLE 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/07/07

TEMPERATURE (C)..... 30.6

WELL DEPTH (M)..... 76.

WATER ANALYSIS

PH..... 7.7

SPECIFIC CONDUCTANCE..... 1580.

TOTAL DISSOLVED SOLIDS... 1040.

ANALYSIS IN PPM

AL.....

CR.....

MG... 3.4

H.....

F.....

NA... 267.

SI02. 76.

BA.....

FE+3.....

NA+K... 267.

BE.....

FE(TOT). 0.01

NB... 492.

CA..... 5J.

MCO3... 91.

NU3... 12.

CL..... 93.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... SANDBERG, 1963

RECORD 00596

GEOTHERM FILE ID: 0017586

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED SPRING

WELL/SPRING NUMBER..... (C-42-14)2DAB-S1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 42S 014W 02 NW OF NE SE

STATE..... UTAH

COUNTY..... WASHINGTON

GEOLOGIC PROVINCE.. 35

MAP REFERENCE..... HURRICANE 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/08/20

TEMPERATURE (C)..... 21.

WATER ANALYSIS

PH..... 7.9

SPECIFIC CONDUCTANCE..... 1600.

TOTAL DISSOLVED SOLIDS... 1300.

ANALYSIS IN MG/L

AG.....

CO3... N

ISOTOPES (0/00)

AL.....

CR.....

MG... 90.

H.....	F.....	NA...	SI02.	24.
HA.....	FE+3....	NA+K. 24.		
HE.....	FE(TOT).	NB...	S04..	562.
CA..... 172.	HCO3.... 188.	NO3.. 19.		
CL.... 70.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00597

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017582

NAME OF SAMPLE SOURCE... UTAH STATE LAND BOARD
 WELL/SPRING NUMBER..... (C-41-13)168CD-1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 41S 013W 16 SE OF SW NW
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... HURRICANE 1162500

LAT/LONG... 37-13.38 N 113-18.9 W
 UTM ZONE... +12
 NORthing... 4121929.
 294160.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/03/25
 TEMPERATURE (C)..... 21.5
 WELL DEPTH (M)..... 344.
 DISCHARGE..... 356.

WATER ANALYSIS

pH..... 8.0
 SPECIFIC CONDUCTANCE..... 1270.
 TOTAL DISSOLVED SOLIDS... 998.
 CHARGE IMBALANCE (% DIFF)... 2.1
 ANALYSIS IN MG/L

ISOTOPES (0/001)

AG....	CO3.... N			
AL....	CR.....	MG... 60.		
H..... 0.56	F..... 0.7	NA... 103.	SI02.	24.
HE....	FE(TOT).	NB... 375.	S04..	
CA.... 96.	HCO3.... 250.	NO3.. 1.7		
CL.... 74.				
CU....	K..... 4.5			

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00598

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0017374

NAME OF SAMPLE SOURCE... VEYO WARM SPRING
 WELL/SPRING NUMBER..... (C-40-16)6C08-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 40S 016W 06 NW OF SE SW
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE.. JS
 MAP REFERENCE..... VEYO 1124000

LAT/LONG... 37-19.1 N 113-41.4 W
 UTM ZONE... +12
 NORthing... 4135219.
 261945.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00600

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017585

NAME OF SAMPLE SOURCE... VIRGIN RIVER
 WELL/SPRING NUMBER..... (C-42-14)2CCA-S1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 42S 014W 02 NE OF SW SW
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... HURRICANE 1162500

LAT/LONG... 37-09.44 N 113-23.94 W
 UTM ZONE... +12
 NORTING... 4114780.
 286964.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/10
 TEMPERATURE (C)..... 21.
 DISCHARGE..... E 379.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1520.
 ANALYSIS IN MG/L
 CL.... 67.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00601

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0018071

NAME OF SAMPLE SOURCE... VIRGIN RIVER, UTAH

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 41S 013W 25 NE OF SE
 STATE..... UTAH
 COUNTY..... WASHINGTON
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... HURRICANE 1162500

LAT/LONG... 37-11.50 N 113-16.50 W
 UTM ZONE... +12
 NORTING... 4118355.
 298069.

SAMPLE DESCRIPTION AND CONDITIONS

SAMPLE NUMBER..... FIELD NO. = AZ90, LAB NO. = 110
 TEMPERATURE (C)..... 33.5

WATER ANALYSIS

PH..... 7.11
 TOTAL DISSOLVED SOLIDS... 5060.
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....		CO3.... N				
AL....		CR....	MG...	79.2		
B....	1.28	F....	NA...	1032.7	SiO2.	23.55
HE....		FE(TOT)...	NB...		SO4..	936.6
CA....	410.8	HCO3....				
CO....		H2S....	PO4..	U 0.06		
CL....	1700.					
CO....		K.....				

QUALIFICATION FIELD..... P04 CALCULATED FROM PI FE.F.H.P04.SI02 REPORTED IN PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... ARIZONA BUREAU OF GEOLOGY AND MINERAL TECHNOLOGY
 REFERENCE..... SWANBERG AND OTHERS, 1977

RECORD 00602

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017113

NAME OF SAMPLE SOURCE... WARM SPRING

WELL/SPRING NUMBER..... (C-42-15)14888-S1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 425 015W 14 NW OF NW NW

LAT/LONG... 37-08.3 N 113-30.70 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... WASHINGTON

NORTHING... 4112937.

GEOLOGIC PROVINCE.. 35

276694.

MAP REFERENCE..... ST. GEORGE 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/16

TEMPERATURE (C)..... 24.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 487.

ANALYSIS

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00603

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017589

NAME OF SAMPLE SOURCE... WARNER VALLEY

WELL/SPRING NUMBER..... (C-42-14)32A88-S1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 425 014W 32 NW OF NW NE

LAT/LONG... 37-05.74 N 113-26.79 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... WASHINGTON

NORTHING... 4110076.

GEOLOGIC PROVINCE..

279909.

MAP REFERENCE..... HURRICANE 1162500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/11/04

TEMPERATURE (C)..... 21.

WATER ANALYSIS

P.H..... 7.9

SPECIFIC CONDUCTANCE..... 3610.

TOTAL DISSOLVED SOLIDS... 3400.

CHARGE IMBALANCE (% DIFF)... 0.3

ANALYSIS IN MG/L

ISOTOPIES (0/00)

AG....

CO3..... N

AL....

CH.....

MG... 175.

H.... 0.98

F..... 2.5

NA... 363.

HE....

FE(TOT).

NU... 504.. 2310.

CA.... 424.

HCO3.... 92.

NO3... 1.6

CL.... 71.

CO....

K..... 9.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... CORDOVA AND OTHERS, 1972

RECORD 00604

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017207

NAME OF SAMPLE SOURCE... BERT AVERY

WELL/SPRING NUMBER..... (U-29-10)22CCC-S

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 29S 010E 21 SE OF SE SE

LAT/LONG... 38-15.97 N 110-49.71 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... WAYNE

NORTHING... 4235249.

GEOLOGIC PROVINCE..

515834.

MAP REFERENCE..... FACTORY BUTTE 1162500

OTHER LOCALITY INFORMATION: SPRING NUMBER INDICATES SECTION 22 BUT STEP LOCATED IN SECTION 21 ON MAP.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/07/25

POINT OF COLLECTION.. END OF COLLECTION PIPE.

TEMPERATURE (C)..... 23.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 610.

ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... GOODE, 1978

RECORD 00605

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017914

NAME OF SAMPLE SOURCE... COW WASH

WELL/SPRING NUMBER..... (U-30-11)5DBC

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 30S 011E 05 SW OF NW SE

LAT/LONG... 38-13.6 N 110-44.3 W

STATE..... UTAH

UTM ZONE... +12

COUNTY..... WAYNE

NORTHING... 4230940.

GEOLOGIC PROVINCE..

523195.

MAP REFERENCE..... BULL MOUNTAIN 1162500

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

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

TEMPERATURE (C)..... 21.0

DISCHARGE..... 379. L/MIN

OTHER SAMPLE INFORMATION.. FED BY RETURN FLOW FROM IRRIGATION. DRY ON 12/08/77

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 680.

TOTAL DISSOLVED SOLIDS... 459.

CHARGE IMBALANCE (% DIFF)... 3.2

ANALYSIS IN MG/L

ISOTOPES (0/001)

AG....	CO3....		LI....	0.02		
AL....	CR....		MG....	18.		
AS.... 0.001			NA....	39.	SI02.	21.
B.... 100.	F.... 0.9		NB....		S04..	180.
BE....	FE(TOT).		NU3..	0.01		
CA.... 89.	HCO3.... 210.					

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 459.
 TOTAL DISSOLVED SOLIDS... 266.

ANALYSIS IN MG/L

AG.....		CO3..... N				
AL.....		CR.....	MG...	10.		
H.....		F.....	NA...		SI02.	19.
HA.....		FE+3	NA+K.	41.		
HE.....		FE(TOT)	NB...		S04..	9.1
CA..... 42.		HCO3..... 193.	NO3..	0.4		
CL..... 48.						

ISOTOPES (0/00)

QUALIFICATION FIELD..... 4 SIMILAR ANALYSES OF 18-22 DEG C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND MADDELL, 1972A

REC'D 00608

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GEORGE EAST NO. 1
 WELL/SPRING NUMBER..... (B- 7- 3)33COD

GEO THERM FILE ID: 0017175

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... WEBER

TOWNSHIP-RANGE

07N 003W 33 SE OF SE SW

COORDINATES

LAT/LONG... 41-17.64 N 112-11.36 W
 UTM ZONE... +12
 NORTHING... 4572201.
 400199.

MAP REFERENCE..... PLAIN CITY SW 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/12/12
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 122.
 DISCHARGE..... 68. L/MIN

OTHER SAMPLE INFORMATION.. 2 OTHER ANALYSES AVAILABLE

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 409.
 TOTAL DISSOLVED SOLIDS... 259.
 CHARGE IMBALANCE (% DIFF)... 2.4

ANALYSIS IN PPM

AG.....		CO3..... N				
AL.....		CR.....	MG...	3.9		
H.....		F..... 0.4	NA...	76.	SI02.	24.
HE.....		FE(TOT). 0.05	NB...		S04..	1.4
CA..... 10.		HCO3..... 228.	NO3..	0.3		
CL..... 23.						
CO.....		K..... 8.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SMITH, 1961

REC'D 00609

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017432

NAME OF SAMPLE SOURCE... GSLM & C CORP NO. 11
 WELL/SPRING NUMBER..... (H- 7- 3)31ADC-1
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** **COORDINATES**
 STATE..... UTAH 07N 003W 31 SW OF SE NE LAT/LONG... 41-17.65 N 112-13.7 W
 COUNTY..... WEBER UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4572455.
 MAP REFERENCE..... PLAIN CITY SW 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/09/05
 TEMPERATURE (C)..... 34.0
 WELL DEPTH (M)..... 217.
 DISCHARGE..... 201.
WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 650.
 TOTAL DISSOLVED SOLIDS... 650.
 ANALYSIS IN MG/L
REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADELL, 1972A

RECORD 00610

GEO THERM SAMPLE FILE GEO THERM FILE ID: 0017438

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO. 10
 WELL/SPRING NUMBER..... (H- 7- 3)31DAD-3
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** **COORDINATES**
 STATE..... UTAH 07N 003W 31 NW OF NE SE LAT/LONG... 41-18.0 N 112-13.3 W
 COUNTY..... WEBER UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4572344.
 MAP REFERENCE..... PLAIN CITY SW 1124000
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/09/05
 TEMPERATURE (C)..... 34.
 WELL DEPTH (M)..... 215.
 DISCHARGE..... 246.
WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 680.
 TOTAL DISSOLVED SOLIDS... 680.
 ANALYSIS IN MG/L
REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADELL, 1972A

RECORD 00611

GEO THERM SAMPLE FILE GEO THERM FILE ID: 0017436

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO. 12
 WELL/SPRING NUMBER..... (H- 7- 3)31DAA-4
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** **COORDINATES**
 STATE..... UTAH 07N 003W 31 NE OF NE SE LAT/LONG... 41-18.07 N 112-13.18 W
 UTM ZONE... +12

COUNTY..... WEBER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... PLAIN CITY SW 112400U
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/09/05
 TEMPERATURE (C)..... 34.
 WELL DEPTH (M)..... 219.
 DISCHARGE..... 261.

NORTHING... 4572459.
 405813.

WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 650.
 TOTAL DISSOLVED SOLIDS... 650.
 ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

RECORD 00612

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO. 13
 WELL/SPRING NUMBER..... (U- 7- 3)32C80-1

GEOTHERM FILE ID: 0017441

LOCATION

COUNTRY..... UNITED STATES
 STATE..... UTAH
 COUNTY..... WEBER
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... PLAIN CITY SW 112400U
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

TOWNSHIP-RANGE

07N 003W 32 NW OF NW SW

COORDINATES

LAT/LONG... 41-18.06 N 112-13.0 W
 UTM ZONE... +12
 NORTHING... 4572571.
 405730.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/09/04
 TEMPERATURE (C)..... 34.
 WELL DEPTH (M)..... 219.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 713.
 TOTAL DISSOLVED SOLIDS... 458.
 CHARGE IMBALANCE (% DIFF)... 2.9

ANALYSIS IN MG/L

AG....		CO3..... N			
AL....		CR.....			
H....	0.06	F.....	0.8	MG...	5.8
HE....		FE (TOT)...		NA...	145.
CA....	8.	MCU3.....	308.	NB...	36.
CL....	87.			NO3...	0.3
CO....		K.....	6.5	SI02..	36.

ISOTOPES (0/00)

SI02.. 36.
 SO4.. 1.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

RECORD 00613

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO. 14
 WELL/SPRING NUMBER..... (U- 7- 3)31AAC-1

GEOTHERM FILE ID: 0017167

LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** **COORDINATES**
 STATE..... UTAH 07N 003W 31 SW OF NE NE LAT/LONG... 41-18.3 N 112-13.38 W
 COUNTY..... WEBER UTM ZONE... +12
 GEOLOGIC PROVINCE.. 35 NORTHING... 4573347.
 MAP REFERENCE..... PLAIN CITY SW 1124000 397619.
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/09/27
 TEMPERATURE (C)..... 39.0
 WELL DEPTH (M)..... 246.
 DISCHARGE..... 212. L/MIN
WATER ANALYSIS
 PH..... 8.1
 SPECIFIC CONDUCTANCE..... 785.
 TOTAL DISSOLVED SOLIDS... 462.
 CHANGE IMBALANCE (% DIFF)... 2.6
ANALYSIS IN MG/L
 AG..... CO3..... N **ISOTOPES (0/00)**
 AL..... CR..... MG... 4.4
 R..... 0.2 F..... 0.7 NA... 148. S102. 24.
 HE..... FE(TOT)... NU... S04... 1.0
 CA..... 15. HCO3..... 305. NU3... 0.3
 CL..... 104.
 CO..... K..... 9.4
REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00614

GEOHEM SAMPLE FILE **GEOHEM FILE ID: 0017431**

NAME OF SAMPLE SOURCE... OSLM & C CORP. NO. 15
 WELL/SPRING NUMBER..... (B- 7- 3)31AAC-2
LOCATION
 COUNTRY..... UNITED STATES **TOWNSHIP-RANGE** **COORDINATES**
 STATE..... UTAH 07N 003W 31 SW OF NE NE LAT/LONG... 41-18.3 N 112-13.38 W
 COUNTY..... WEBER UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4572882.
 MAP REFERENCE..... PLAIN CITY SW 1124000 407409.
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/09/10
 TEMPERATURE (C)..... 78.
 WELL DEPTH (M)..... 280.
 DISCHARGE..... 481. L/MIN
 OTHER SAMPLE INFORMATION.. BOTTOMED IN BEDROCK
WATER ANALYSIS
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 1490.
 TOTAL DISSOLVED SOLIDS... 980.
ANALYSIS IN MG/L
 AG..... CO3..... N **ISOTOPES (0/00)**
 AL..... CR..... MG... 5.4
 R..... F..... NA... S102. 67.
 HE.....

HA.... FE+3.... NA+K. J23.
 HE.... FE(TOT). NB... 504.. 0.5
 CA.... 27. HCO3.... 571. NO3.. 0.2
 CL.... 230.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADELL, 1972A

RECORD 00615

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017433

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO. 3

WELL/SPRING NUMBER..... (H- 7- 3)310AA-1

LOCATIONTOWNSHIP-RANGE

COUNTRY..... UNITED STATES 07N 003W 31 NE OF NE SE

STATE..... UTAH

COUNTY..... WEBER

GEOLOGIC PROVINCE..

MAP REFERENCE..... PLAIN CITY SW 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 41-18.00 N 112-13.2 W

UTM ZONE... +12

NORTHING... 4572459.

405813.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/09/05

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 126.

DISCHARGE..... 110.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 580.

ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY

REFERENCE..... BOLKE AND WADELL, 1972A

RECORD 00616

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017434

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO. 4

WELL/SPRING NUMBER..... (B- 7- 3)310AA-2

LOCATIONTOWNSHIP-RANGE

COUNTRY..... UNITED STATES 07N 003W 31 NE OF NE SE

STATE..... UTAH

COUNTY..... WEBER

GEOLOGIC PROVINCE..

MAP REFERENCE..... PLAIN CITY SW 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

COORDINATES

LAT/LONG... 41-18.00 N 112-13.2 W

UTM ZONE... +12

NORTHING... 4572459.

405813.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/09/05

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 126.

DISCHARGE..... 114. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 500.

ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.

COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00617

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017435

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO. 5
 WELL/SPRING NUMBER..... (B- 7- 3)310AA-3
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07N 003W 31 NE OF NE SE
 STATE..... UTAH
 COUNTY..... WEBER

COORDINATES

LAT/LONG... 41-18.00 N 112-13.2 W
 UTM ZONE... +12
 NORTHING... 4572459.
 405813.

MAP REFERENCE..... PLAIN CITY SW 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/09/05
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 175.
 DISCHARGE..... 151. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 725.

ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00618

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017437

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO. 7
 WELL/SPRING NUMBER..... (B- 7- 3)310AB-2
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07N 003W 31 NW OF NE SE
 STATE..... UTAH
 COUNTY..... WEBER

COORDINATES

LAT/LONG... 41-17.94 N 112-13.3 W
 UTM ZONE... +12
 NORTHING... 4572344.
 406062.

MAP REFERENCE..... PLAIN CITY SW 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/09/05
 TEMPERATURE (C)..... 34.
 WELL DEPTH (M)..... 216.
 DISCHARGE..... 273. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 690.

ANALYSIS IN MG/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00619

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0017439

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO. 8
 WELL/SPRING NUMBER..... (B- 7- 3)310AC-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 07N 003W 31 SW OF NE SE
 COUNTY..... WEBER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... PLAIN CITY SW 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/09/05
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 189.
 DISCHARGE..... 106. L/MIN
 WATER ANALYSIS
 SPECIFIC CONDUCTANCE..... 750.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

COORDINATES
 LAT/LONG... 41-17.9 N 112-13.3 W
 UTM ZONE... +12
 NORTHING... 4572122.
 406060.

RECORD 00620

 GEOTHERM SAMPLE FILE

GEOOTHERM FILE ID: 0017440

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO. 9
 WELL/SPRING NUMBER..... (B- 7- 3)310DA-1
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 07N 003W 31 NE OF SE SE
 COUNTY..... WEBER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... PLAIN CITY SW 1124000
 OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE
 SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/09/10
 TEMPERATURE (C)..... 29.
 WELL DEPTH (M)..... 182.
 WATER ANALYSIS
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 750.
 TOTAL DISSOLVED SOLIDS... 478.
 ANALYSIS IN MG/L
 AG..... CO3..... N
 AL..... CR..... MG... 8.8
 H..... F..... NA... 33.
 HA..... FE+3... NA+K... 147.
 RE..... FE(TQT)... NB... 504... 0.8
 CA..... 14. HCO3..... 310. NO3.. N
 CL... 96.

COORDINATES
 LAT/LONG... 41-17.82 N 112-13.1 W
 UTM ZONE... +12
 NORTHING... 4572122.
 406060.

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

RECORD 00621

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017168

NAME OF SAMPLE SOURCE... GSLM & C CORP. NO.6
 WELL/SPRING NUMBER..... (B- 7- 3)310AB-1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE NW OF NE SE
 STATE..... UTAH 07N 003W 31
 COUNTY..... WEBER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... PLAIN CITY SW 1124000

COORDINATES
 LAT/LONG... 41-18.18 N 112-13.3 W
 UTM ZONE... +12
 NORTHING... 4572905.
 397445.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/12/17
 WELL DEPTH (M)..... 180.
 DISCHARGE..... 110. L/MIN

WATER ANALYSIS
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 772.
 TOTAL DISSOLVED SOLIDS... 491.

ANALYSIS IN MG/L
 AG.... CO3.... N
 AL.... CR.... MG... 1.9
 H.... 0.19 F.... 0.9 NA... 157. SI02. 44.
 HE.... FE(TOT). NB... SO4... N
 CA.... 14. HCO3.... 339. NO3... 0.2
 CL.... 89.
 CO.... K.... 7.6

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION
 COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND MADDELL, 1972A

RECORD 00622

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0017426

NAME OF SAMPLE SOURCE... JACOB, R. M.
 WELL/SPRING NUMBER..... (B- 6- 3)10ACB-2

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE NW OF SW NE
 STATE..... UTAH 06N 003W 10
 COUNTY..... WEBER
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... PLAIN CITY SW 1124000

COORDINATES
 LAT/LONG... 41-16.4 N 112-10.08 W
 UTM ZONE... +12
 NORTHING... 4569509.
 402172.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/05/14
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 229.
 DISCHARGE..... 53. L/MIN

WATER ANALYSIS
 PH..... 8.
 SPECIFIC CONDUCTANCE..... 741.
 TOTAL DISSOLVED SOLIDS... 453.
 CHARGE IMBALANCE (% DIFF)... 1.5

ANALYSIS IN MG/L

AG....		CO3..... N				
AL....		CH.....		MG.... 2.9		
B.... 0.4		F..... 0.6		NA.... 159.	SI02.. 19.	
ME....		FE (TOT).....		NB.... 504..	1.2	
CA.... 8.		HC03..... 324.		NO3.... 0.4		
CL.... 84.						
CO....		K..... 2.7				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00623

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... JACOB, R. M.

GEO THERM FILE ID: 0017425

WELL/SPRING NUMBER..... (U- 6- 3)5CC-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06N 003W 05 NW OF SW SW
 STATE..... UTAH
 COUNTY..... WEBER
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... PLAIN CITY SW 1124000

COORDINATES

LAT/LONG... 41-16.82 N 112-13.05 W
 UTM ZONE... +12
 NORTING... 4570341.
 398163.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/05/14
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 155.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 648.

ANALYSIS IN MG/L

AG....		CO3..... N	
CA....		HC03..... 196.	
CL.... 44.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00624

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MARGUARDT ACFT

GEO THERM FILE ID: 0017427

WELL/SPRING NUMBER..... (U- 6- 3)19AAB-1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06N 003W 19 NW OF NE NE
 STATE..... UTAH
 COUNTY..... WEBER
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... OGDEN BAY 1124000

COORDINATES

LAT/LONG... 41-14.98 N 112-12.84 W
 UTM ZONE... +12
 NORTING... 4566901.
 398031.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/11/05
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 70.
 DISCHARGE..... 568.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 2290.
 TOTAL DISSOLVED SOLIDS... 1230.

ANALYSIS IN MG/L

AG....	CO3..... N				
AL....	CR.....	MG...	18.		
H.....	F.....	NA...		SI02.	35.
BA....	FE+3....	NA+K.	340.		
HE....	FE(TOT)..	NU...		S04..	10.
CA.... 96.	HCO3.... 146.	NU3..	10.		
CL.... 645.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECUMD 00625

GEOHEM SAMPLE FILE

NAME OF SAMPLE SOURCE... OGDEN HOT SPRINGS
 WELL/SPRING NUMBER..... (B- 6- 1123CCO-S1

GEOHEM FILE ID: 0017421

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE 06N 001W 23 SE OF SW SW
 STATE..... UTAH
 COUNTY..... WEBER

COORDINATES

LAT/LONG... 41-14.14 N 111-55.42 W
 UTM ZONE... +12
 NORTHING... 4565044.
 422564.

GEOLOGIC PROVINCE...
 MAP REFERENCE... OGDEN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/02
 TEMPERATURE (C)..... 57.2
 DISCHARGE..... E 284.

OTHER SAMPLE INFORMATION.. OTHER ANALYSES AVAILABLE; MANY MINOR SPRINGS

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 15000.
 TOTAL DISSOLVED SOLIDS... 8650.

ANALYSIS IN PPM

AG....	CO3.....	LI...	5.4		
AL.... 0.04	CR..... L 0.0014	MG...	4.9		
AS....	CS.....	MN...	G 3.0		
AU....	CU..... L 0.0014	MO...	L 0.00029		
B..... 2.6	F..... 3.7	NA...	2730.	SI02.	47.
HE.... L 0.00057	FE(TOT).. 0.149	NU...		S04..	106.
HI.... L 0.00029	GA..... L 0.0057				
HR....	GE..... 0.066	NI...	0.0037		
CA.... 356.	HCO3.... 192.	NU3..	0.4	TI... L 0.00057	
CA+MG.	MG.....	PB... L 0.0014			
CD.... L 0.0014	H2S.....	PO4..		V.... L 0.0017	
CL.... 4940.	I..... 0.3				
CO... L 0.0014	K..... 359.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00626

GEOHEM SAMPLE FILENAME OF SAMPLE SOURCE... OGDEN HOT SPRINGS
WELL/SPRING NUMBER... (H- 6- 1)23CCD-S1

GEOHEM FILE ID: 0017328

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 06N 001W 23 SE OF SW SW
COUNTY..... WEBER
GEOLOGIC PROVINCE.. 35
MAP REFERENCE..... OGDEN 1124000

COORDINATES

LAT/LONG... 41-14.14 N 111-55.42 W
UTM ZONE... +12
NORTHING... 4565044.
422564.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/11/03
TEMPERATURE (C)..... 58.3

WATER ANALYSIS

PH..... 7.4
TOTAL DISSOLVED SOLIDS... 8820.
CHARGE IMBALANCE (% DIFF)... 0.2

ANALYSIS IN PPM

AG.... CO3.....
AL.... CR.....
H.... 3.6 F..... 3.4
RE.... FE(TOT).
CA.... 337. HCO3..... 200.
CL.... 5060.
CO.... K..... 407.

ISOTOPES (O/001)

LI... 6.
MG... 8.
NA... 2740. SI02. 53.
NB... S04.. 100.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... MUNDORFF, 1970

RECORD 00627

GEOHEM SAMPLE FILENAME OF SAMPLE SOURCE... OGDEN HOT SPRINGS
WELL/SPRING NUMBER... (H- 6- 1)23CCD-S1

GEOHEM FILE ID: 0017327

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 06N 001W 23 SW OF SW
COUNTY..... WEBER
GEOLOGIC PROVINCE..
MAP REFERENCE..... OGDEN 1124000

COORDINATES

LAT/LONG... 41-14.14 N 111-55.42 W
UTM ZONE... +12
NORTHING... 4565044.
422564.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1943/04/27

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 14700.
TOTAL DISSOLVED SOLIDS... 8650.

ANALYSIS IN PPM

AL.... CR.....
H.... F..... 3.
NA... FE+3.
RE... FE(TOT).
CA.... 355. HCO3..... 208.
CL.... 5080.

ISOTOPES (O/001)

MG... 11.
NA+K. 3000.
NB... S04.. 102.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... MUNDORFF, 1970

PAGE 0326

GEOThERM SAMPLE FILE

RECORD 00628

NAME OF SAMPLE SOURCE... OGDEN HOT SPRINGS
WELL/SPRING NUMBER..... (H- 6- 1)23CCU-S1

GEOThERM FILE ID: 0017329

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 06N 001W 23 SE OF SW SW
COUNTY..... WEBER
GEOLOGIC PROVINCE..
MAP REFERENCE..... OGDEN 1124000

COORDINATES

LAT/LONG... 41-14.14 N 111-55.42 W
UTM ZONE... +12
NORTHING... 4565044.
422564.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/03/08

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 14400.

ANALYSIS IN MG/L

AL.... 0.043 CR..... 0.019
AS.... CS.....
AU.... CU..... L 0.0014 MN... G 0.8
FE.... L 0.00057 FE(TOT) G 0.09 MO... L 0.0043
HI.... L 0.00029 GA..... L 0.0014
HR.... GE..... 0.091
CA.... HCO3....
CA+MG. HG.....
CD.... L 0.0014 H2S.....
CO.... L 0.0014 K.....

ISOTOPIES (0/00)

NI... 0.0026
NO3..
PB... L 0.0014 TI... 0.00057
PO4.. V.... 0.0031
 ZN... L 0.0057

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... MUNDORFF, 1970

GEOThERM SAMPLE FILE

RECORD 00629

NAME OF SAMPLE SOURCE... PARKEN, R. F.
WELL/SPRING NUMBER..... (H- 5- 3)15AAA-1

GEOThERM FILE ID: 0017418

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 05N 003W 15 NE OF NE NE
COUNTY..... WEBER
GEOLOGIC PROVINCE.. 3S
MAP REFERENCE..... OGDEN HAY 1124000

COORDINATES

LAT/LONG... 41-10.50 N 112- 9.60 W
UTM ZONE... +12
NORTHING... 4558620.
402697.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/05/14

TEMPERATURE (C)..... 24.
WELL DEPTH (M)..... 200.
DISCHARGE..... 151.

WATER ANALYSIS

PH..... 7.5
SPECIFIC CONDUCTANCE..... 397.

ANALYSIS IN MG/L

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

ISOTOPIES (0/00)

CA.... HC03.... 133.

CL.... 30.

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

RECORD 00630

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PATIO SPRING

GEO THERM FILE ID: 0017654

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 07N 001E 22 NE OF SW
 COUNTY..... WEBER
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 41-19.68 N 111-49.56 W
 UTM ZONE... +12
 NORTHING... 4575284.
 431043.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/16
 POINT OF COLLECTION.. COLLECTED 1000 FT. BELOW OUTLET.
 TEMPERATURE (C)..... 20.
 DISCHARGE..... E 606.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 247.

ANALYSIS IN MG/L

AL....	CR.....	MG....	8.		
H....	F.....	NA....	7.4	SI02..	11.
HE....	FE(TOT)..	NH....		SO4..	9.5
CA.... 32.	HC03.... 135.	NO3..	0.6		
CL.... 5.5					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... NOYURAN, 1972

RECORD 00631

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PENMAN, E.

GEO THERM FILE ID: 0017416

WELL/SPRING NUMBER..... (B- 5- 2)70A8-3

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 05N 002W 07 NW OF NE SE
 COUNTY..... WEBER
 GEOLOGIC PROVINCE.. 35

COORDINATES

LAT/LONG... 41-10.92 N 112-06.4 W
 UTM ZONE... +12
 NORTHING... 4559342.
 406985.

MAP REFERENCE AND CONDITIONS

DATE/COLLECTOR..... 1968/08/29
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 306.
 DISCHARGE..... 64. L/MIN

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 391.
 TOTAL DISSOLVED SOLIDS... 238.
 CHARGE IMBALANCE (% DIFF)... 0.3

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....		MG....	3.9		
H.....	0.1	F.....	0.3	NA....	74.	SI02..	18.
HE....		FE(TOT)..		NH....		S04... 1.5	
CA....	12.	HCO3.....	208.	NO3...	0.2		
CL....	26.						
CO....		K.....	1.5				

ISOTOPIES (0/100)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADELL, 1972A

RECORD 00632

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PREVEDEL, D.

GEO THERM FILE ID: 0017423

WELL/SPRING NUMBER..... (H- 6- 2)3300C-2

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

06N 002W 33 SW OF SE SE

COORDINATES

LAT/LONG... 41-12.42 N 112- 4.08 W
 UTM ZONE... +12
 NORTHING... 4562074.
 410458.

STATE..... UTAH

COUNTY..... WEBER

GEOLOGIC PROVINCE.. 35

MAP REFERENCE..... HOY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/05/07

TEMPERATURE (C)..... 20.

WELL DEPTH (M)..... 208.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 377.
 TOTAL DISSOLVED SOLIDS... 216.

ANALYSIS IN MG/L

AG....		CO3..... N					
AL....		CR.....		MG....	12.		
H.....		F.....		NA....		SI02..	17.
HA....		FE+3....		NA+K..	20.		
HE....		FE(TOT)..		NH....		S04... 9.5	
CA....	42.	HCO3.....	197.	NO3... N			
CL....	18.						

ISOTOPIES (0/100)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADELL, 1972A

RECORD 00633

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RHEAD, T. W.

GEO THERM FILE ID: 0017420

WELL/SPRING NUMBER..... (H- 5- 3)1500A-1

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

05N 003W 15 NE OF SE SE

COORDINATES

LAT/LONG... 41- 9.84 N 112-09.2 W
 UTM ZONE... +12
 NORTHING... 4557400.
 402597.

STATE..... UTAH

COUNTY..... WEBER

GEOLOGIC PROVINCE.. 35

MAP REFERENCE..... OGUEN BAY 1124000

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1953/09/15
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 198.

WATER ANALYSIS

PH..... 8.5
 SPECIFIC CONDUCTANCE..... 386.
 TOTAL DISSOLVED SOLIDS..... 226.
 CHARGE IMBALANCE (% DIFF).... 2.2
 ANALYSIS IN PPM

AG.... CO3..... 11.
 AL.... CR.....
 B.... 0.31 F.....
 FE.... FE(TOT).....
 CA.... 18. HCO3..... 178.
 CL.... 25. K..... 3.1
 CO.....

ISOTOPES (U/UM)

MG.... 6.2
 NA.... 56. S102. 25.
 NB.... S04.. 1.
 NU3.. 2.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... FETH AND OTHERS, 1966

RECORD 00634

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RHEAD, T. W.
 WELL/SPRING NUMBER..... (B- 5- 3)15DUA-1

GEO THERM FILE ID: 0017419

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... UTAH 05N 003W 15 NE OF SE SE
 COUNTY..... WEHER
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41- 9.84 N 112-09.2 W
 UTM ZONE... +12
 NORTHING... 4557400.
 402597.

MAP REFERENCE..... OGDEN BAY 112400U

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1969/05/14
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 198.
 DISCHARGE..... 98.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 382.
 ANALYSIS IN MG/L
 AG.... CO3..... N
 CA.... HCO3..... 163.
 CL.... 29.

ISOTOPES (U/UM)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... RULKE AND WADDELL, 1972A

RECORD 00635

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RICHANUS, H.

GEO THERM FILE ID: 0017169

WELL/SPRING NUMBER..... (U- 5- 4)21C88-2
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 05N 004W 21 NW OF NW SW LAT/LONG... 41- 9.24 N 112-18.84 W
 COUNTY..... WEBER UTM ZONE... +12
 GEOLOGIC PROVINCE.. NORTHING... 4556473.
 MAP REFERENCE..... FREMONT ISLAND 1124000 389744.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1964/11/02
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 52.
 DISCHARGE..... 7.6 L/MIN

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 5710.
 TOTAL DISSOLVED SOLIDS... 3600.

ANALYSIS IN MG/L

AG....	CO3.....	N	<u>ISOTOPIES (0/00)</u>		
AL....	CR.....		MG...	68.	
H....	F.....	1.1	NA...	990.	SI02. 7.8
HE....	FE(TOT)..		NB...		S04.. N
CA.... 146.	HCO3.....	132.	NO3..	8.1	
CL.... 1930.					
CO....	K.....	56.			

QUALIFICATION FIELD..... ADJACENT WELL DRAWS WATER OF 19 DEG. C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, M.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADELL, 1972A

RECORD 00636

 GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STRATFORD, G. E.

GEOTHERM FILE ID: 0017171

WELL/SPRING NUMBER..... (H- 6- 2)25CCC-1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... UTAH 06N 002W 25 SW OF SW SW LAT/LONG... 41-13.20 N 112- 1.44 W
 COUNTY..... WEBER UTM ZONE... +12
 GEOLOGIC PROVINCE.. J5 NORTHING... 4563473.
 MAP REFERENCE..... ROY 1124000 414164.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/11/18
 TEMPERATURE (C)..... 20.0
 WELL DEPTH (M)..... 171.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 2400.
 TOTAL DISSOLVED SOLIDS... 1260.

ANALYSIS IN MG/L

AL....	CA.....		MG...	42.	
H....	F.....		NA...	231.	SI02. 18.
HA....	FE+3....		NA+K.		S04.. 3.7
HE....	FE(TOT)..		NB...		
CA.... 180.	HCO3.....	163.	NO3..	0.3	
CL.... 700.					

ISOTOPIES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... GOODE, H.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... SMITH, 1961

RECORD 00637

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UTAH BY PRODUCTS
 WELL/SPRING NUMBER..... (B- 6- 1129CBB-1)

GEOHERM FILE ID: 0017422

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE U6N 001W 29 NW OF NW SW

COORDINATES

LAT/LONG... 41-13.50 N 111-59.15 W
 UTM ZONE... +12
 NORTHING... 4563987.
 417691.

STATE..... UTAH
 COUNTY..... WEBER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... UGDEN 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/12/27
 TEMPERATURE (C)..... 24.0
 WELL DEPTH (M)..... 257.
 DISCHARGE..... 1136. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 3150.
 TOTAL DISSOLVED SOLIDS... 1760.
 CHARGE IMBALANCE (% DIFF)... 3.5

ANALYSIS IN MG/L

AG..... CO3..... 5.
 AL..... CR.....
 B..... F.....
 HE..... FE(TOT).
 CA..... 96. HCO3..... 150.
 CL..... 897. K..... 41.

ISOTOPES (0/00)

MG... 31.
 NA... 476.
 NB... S04... 8.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... BOLKE AND WADDELL, 1972A

RECORD 00638

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UTAH HOT SPRINGS
 WELL/SPRING NUMBER..... (B- 7- 2114UCA-S1)

GEOHERM FILE ID: 0017331

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE Q7N 002W 14 NE OF SW SE

COORDINATES

LAT/LONG... 41-20.32 N 112-01.86 W
 UTM ZONE... +12
 NORTHING... 4576801.
 413819.

STATE..... UTAH
 COUNTY..... WEBER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... PLAIN CITY 1124000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/11/03

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 37200.
 TOTAL DISSOLVED SOLIDS... 25200.
 CHARGE IMBALANCE (% DIFF)... 0.5

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....		CR.....		MG...	46.		
H.....		F.....		NA...	7720.	SI02.	41.
HE.....		FE(TOT).		NB...		S04..	200.
CA....	1190.	MC03....	199.				
CL....	14800.						
CU....		K.....	1100.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00639

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UTAH HOT SPRINGS

GEO THERM FILE ID# 0017333

WELL/SPRING NUMBER..... (H- 7- 2)14DCA-S1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... UTAH 07N 002W 14 NE OF SW SE

COORDINATES

LAT/LONG... 41-20.32 N 112-01.86 W
 UTM ZONE... +12
 NORTHING... 4576801.
 413819.

COUNTY..... WEBER

GEOLOGIC PROVINCE..

MAP REFERENCE..... PLAIN CITY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/04/05

TEMPERATURE (C)..... 57.2

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 34300.
 TOTAL DISSOLVED SOLIDS... 22900.

ANALYSIS IN MG/L

AG....		CO3.....		LI....	9.9		
AL....		CR.....		MG....	70.		
B.....	5.1	F.....	3.2	NA....	7030.	SI02.	38.
HE....		FE(TOT).		NB....		S04..	189.
HI....		GA.....		NH4..		SR...	28.
HR....	8.2						
CA....	1140.	MC03....	192.				
CL....	13300.	I.....	0.2				
CO....		K.....	901.				

ISOTOPES (0/001)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... MUNDORFF, 1970

RECORD 00640

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UTAH HOT SPRINGS

GEO THERM FILE ID# 0017332

WELL/SPRING NUMBER..... (H- 7- 2)14DCA-S1

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... UTAH 07N 002W 14 NE OF SW SE

COORDINATES

LAT/LONG... 41-20.32 N 112-01.86 W
 UTM ZONE... +12
 NORTHING... 4576801.
 413819.

COUNTY..... WEBER

GEOLOGIC PROVINCE..

MAP REFERENCE..... PLAIN CITY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/03/02

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 28300.
TOTAL DISSOLVED SOLIDS.... 18900.
CHARGE IMBALANCE (% DIFF)... 2.4

ANALYSIS IN PPM

AL.....	CR.....	MG...	39.	<u>ISOTOPES (0/00)</u>	
BA.....	FE.....	NA...	5500.	SI02..	33.
BE.....	FE(TOT)..	NB...		S04..	181.
CA..... 859.	HCO3.....	NO3..	6.5		
CL..... 10800.					
CO.....	K.....				

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... MUNDOOFF, 1970

RECORD 00641

GEO THERM SAMPLE FILENAME OF SAMPLE SOURCE... UTAH HOT SPRINGS
WELL/SPRING NUMBER..... (B- 7- 2)14DCA-S1

GEO THERM FILE ID: 0017330

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 07N 002W 14 NE OF SW SE
COUNTY..... WEBER
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41-20.32 N 112-01.86 W
UTM ZONE... 12
NORTHING... 4576801.
413819.

MAP REFERENCE..... PLAIN CITY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1911/11/18

WATER ANALYSIS

ANALYSIS IN PPM

AL.....	CR.....	MG...	28.	<u>ISOTOPES (0/00)</u>	
BA.....	FE+3.....	NA+K..	8563.		
BE.....	FE(TOT)..	NB...		S04..	203.
CA..... 1174.	HCO3.....				
CL..... 15079.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
REFERENCE..... MUNDOOFF, 1970

RECORD 00642

GEO THERM SAMPLE FILENAME OF SAMPLE SOURCE... WASHINGTON TRCE
WELL/SPRING NUMBER..... (B- 5- 1)17CBC-1

GEO THERM FILE ID: 0017413

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... UTAH 05N 001W 17 SW OF NW SW
COUNTY..... WEBER
GEOLOGIC PROVINCE.. JS

COORDINATES

LAT/LONG... 41- 9.96 N 111-59.10 W
UTM ZONE... 12
NORTHING... 4557440.
417365.

MAP REFERENCE..... OGDEN 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/04/20

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 277.
 DISCHARGE..... 7192. L/MIN
 OTHER SAMPLE INFORMATION.. OTHER SIMILAR ANALYSES AVAILABLE

MAIER ANALYSIS

SPECIFIC CONDUCTANCE..... 429.
 TOTAL DISSOLVED SOLIDS... 259.
 CHARGE IMBALANCE (% DIFF)... 0.2

ANALYSIS IN MG/L

AG....		CO3.....	5.						
AL....		CR.....		MG...	14.				
H....	0.1	F.....		NA...	16.				
HE....		FE(TOT)..		NB...		504..	25.		
CA....	53.	HCO3.....	202.						
CL....	19.								
CO....		K.....	2.						

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

RECORD 00643

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WBWCD RIVERDALE
 WELL/SPRING NUMBER..... (8- 5- 1)18ABB-1

GEO THERM FILE ID: 0017414

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05N 001W 18 NW OF NW NE
 STATE..... UTAH
 COUNTY..... WEBER
 GEOLOGIC PROVINCE.. 35
 MAP REFERENCE..... OGDEN 1124000

COORDINATES

LAT/LONG... 41-10.5 N 111-59.76 W
 UTM ZONE... +12
 NORTING... 4558339.
 416453.

OTHER LOCALITY INFORMATION: LOCATION APPROXIMATE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/11/15
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 223.
 DISCHARGE..... 9463. L/MIN

OTHER SAMPLE INFORMATION.. OTHER SIMILAR ANALYSES AVAILABLE

MAIER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 478.
 TOTAL DISSOLVED SOLIDS... 287.
 CHARGE IMBALANCE (% DIFF)... 0.9

ANALYSIS IN MG/L

AG....		CO3.....	7.						
AL....		CR.....		MG...	10.				
H....		F.....		NA...	44.				
HE....		FE(TOT)..		NB...		504..	54.		
CA....	47.	HCO3.....	173.						
CL....	39.								
CO....		K.....	2.						

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... MURPHY, P.
 COMPILER AFFILIATION... UTAH GEOLOGICAL AND MINERAL SURVEY
 REFERENCE..... ROLKE AND WADDELL, 1972A

APPENDIX A

Index to GEOTHERM's sample file for the state of Utah. This computer generated appendix contains some truncated fields. The index is sorted by county and name of source. TNS - Township, RNG - Range, Sect. - section, I.D. - GEOTHERM record identifier, Temp. - Temperature °C.

County	Name of Source	Latitude	Longitude	TNS	RNG	Sect.	I.D.	Temp.°C
BEAVER	A. W. WINDERG	38-23.94 N	112-59.88 W	28S	010W	05	0017015	20.0
BEAVER	BARTON, S. R.	38-14.94 N	112-42.00 W	29S	008W	36	0017234	23.3
BEAVER	DOTSONS (RADIUM)	38-12.96 N	112-54.12 W	30S	009W	07	0017021	31.7
BEAVER	DOTSONS (RADIUM)	38-12.96 N	112-54.12 W	30S	009W	07	0017020	36.1
BEAVER	DOTSONS (RADIUM)*	38-12.96 N	112-54.00 W	30S	009W	07	0017451	32.5
BEAVER	DOTSONS (RADIUM)	38-12.96 N	112-54.00 W	30S	009W	07	0017452	31.5
BEAVER	E. TANNER	38-23.94 N	112-59.88 W	28S	010W	05	0017014	21.7
BEAVER	EARTH SCIENCES, INC.	38-20.82 N	113-23.28 W	28S	014W	11	0017193	24.5
BEAVER	FORGIE, J.	38-22.86 N	113- 0.96 W	28S	010W	18	0017007	25.6
BEAVER	GOODWIN, G. C.	38-22.74 N	113- 0.84 W	28S	010W	18	0017448	21.
BEAVER	GREENVILLE SCHOOL	38-15.30 N	112-42.54 W	29S	008W	25	0017235	20.0
BEAVER	GREENVILLE WARD LDS CHURCH	38-15.30 N	112-42.54 W	29S	008W	25	0017232	20.0
BEAVER	HANSON LAND & LIVESTOCK	38-22.98 N	112-56.94 W	28S	010W	14	0017447	20.5
BEAVER	LEWIS, A.B.	38-22.86 N	113- 0.96 W	28S	010W	18	0017009	26.6
BEAVER	LEWIS, A.B.	38-22.86 N	113- 0.96 W	28S	010W	18	0017008	26.6
BEAVER	MCCAULEY, JO	38-22.86 N	113- 0.96 W	28S	010W	18	0017010	20.0
BEAVER	MCKEAN, P. B. (ROOSEVELT)	38-30.18 N	112-51.06 W	26S	009W	34	0017444	56.
BEAVER	MCKEAN, P. B. (ROOSEVELT)	38-30.18 N	112-51.06 W	26S	009W	34	0017443	Q 85.
BEAVER	MCKEAN, P.B. (ROOSEVELT)	38-28.56 N	112-54.48 W	27S	009W	07	0017026	99.
BEAVER	MILFORD TOWN	38-22.86 N	113- 0.96 W	28S	010W	18	0017011	22.2
BEAVER	MILFORD TOWN	38-22.86 N	113- 0.90 W	28S	010W	18	0017012	22.2
BEAVER	MINERSVILLE RES.& IRR. CO.	38-14.22 N	112-48.96 W	29S	009W	36	0017233	21.1
BEAVER	NEB CRAW	38-11.46 N	113- 0.84 W	30S	010W	19	0017457	21.
BEAVER	NEB CRAW	38-11.46 N	113- 0.84 W	30S	010W	19	0017456	21.
BEAVER	PHILLIPS 3-1 - PHILLIPS PETROLEUM CO.						0016688	Q 205.
BEAVER	PHILLIPS 54-3			27S	009W	03	0016690	Q 260.
BEAVER	PHILLIPS 54-3			27S	009W	03	0016691	
BEAVER	PHILLIPS 9-1 - PHILLIPS PETROLEUM CO.			27S	009W	09	0016689	30.
BEAVER	ROOSEVELT HOT SPRING	38-30.00 N	112-50.00 W				0000735	55.0
BEAVER	SALT	38-30.48 N	112-51.24 W	26S	009W	34	0017442	24.5
BEAVER	SP, LA&SR RR	38-23.94 N	113- 5.28 W	28S	010W	05	0017013	21.7
BEAVER	STEAM WELL	38-28.74 N	112-52.08 W	27S	009W	16	0017446	133.
BEAVER	SULFERDALE	38-33.60 N	112-34.68 W	26S	006W	07	0017306	22.
BEAVER	SULLIVAN LAND & LIVESTOCK	38-25.08 N	113- 1.44 W	27S	010W	31	0017445	27.
BEAVER	THERMO HOT SPRING			30S	012W	28	0002961	89.5
BEAVER	THERMO HOT SPRINGS	38-11.00 N	113-12.20 W				0000739	89.5
BEAVER	THERMO HOT SPRINGS	38-11.10 N	113-11.88 W	30S	012W	21	0017459	85.
BEAVER	THERMO HOT SPRINGS	38-10.38 N	113-12.18 W	30S	012W	28	0017025	60.0
BEAVER	THERMO HOT SPRINGS	38-10.38 N	113-12.18 W	30S	012W	28	0017024	60.0
BEAVER	THERMO HOT SPRINGS	38-10.38 N	113-12.30 W	30S	012W	28	0017460	82.5
BEAVER	THERMO HOT SPRINGS	38-10.38 N	113-12.30 W	30S	012W	38	0017462	76.5
BEAVER	THERMO HOT SPRINGS	38-10.38 N	113-12.30 W	30S	012W	28	0017461	78.
BEAVER	THERMO HOT SPRINGS	38-10.38 N	113-12.30 W		012W	28	0017373	
BEAVER	THERMO HOT SPRINGS	38-11.10 N	113-11.88 W	30S	012W	21	0017372	

BEAVER	THERMO HOT SRPINGS	38-11.16 N 113-11.70 W 30S 012W	21	0017006	Q 76.6	
BEAVER	TOWN OF MINERSVILLE	38-13.08 N 112-54.36 W 30S 009W	07	0017453	33.5	
BEAVER	TOWN, MILFORD	38-23.52 N 113-00.72 W 28S 010W	07	0017027	25.5	
BEAVER	U.S. BUREAU OF LAND MANAGEMENT, THERMO	38-10.32 N 113-12.54 W 30S 012W	28	0017023	Q 75.0	
BEAVER	UNNAMED SPRING	38-16.14 N 112-54.54 W 29S 009W	19	0017022	28.0	
BEAVER	US BLM	38-10.74 N 113- 4.20 W 30S 011W	22	0017458	22.5	
BEAVER	US BLM	38-11.16 N 112-54.48 W 30S 009W	09	0017454	33.	
BEAVER	WALKER, T. E.	38-21.90 N 113- 1.14 W 28S 010W	19	0017449	25.5	
BEAVER	WILLOW	38- 9.30 N 112-53.76 W 30S 009W	31	0017455	21.5	
BEAVER	WOODHOUSE	38-20.52 N 113-13.38 W 28S 012W	29	0017450	22.	
BOX ELDER	ANDERSON, L.	41-38.73 N 112-11.07 W 10N 003W	33	0017080	28.0	
BOX ELDER	BLUE CREEK SPRINGS	41-49.98 N 112-27.24 W 13N 005W	29	0017601	26.5	
BOX ELDER	BLUE CREEK SPRINGS	41-49.98 N 112-27.24 W 13N 005W	29	0017602	28.	
BOX ELDER	CARTER, L. G.	41-49.50 N 113-15.60 W 13N 012W	30	0017399	25.	
BOX ELDER	CARTER, L. G.	41-49.50 N 113-15.60 W 13N 012W	30	0017631	25.	
BOX ELDER	CARTER, W. R.	41-48.48 N 113-19.68 W 13N 013W	34	0017633	21.	
BOX ELDER	CHESAPEAKE DUCK CLUB	41-34.90 N 112-10.62 W 09N 003W	27	0017075	42.0	
BOX ELDER	CHESAPEAKE DUCK CLUB	41-34.47 N 112-10.62 W 09N 003W	27	0017074	74.0	
BOX ELDER	COMPTON	41-14.28 N 112-24.78 W 06N 005W	21	0017225	21.0	
BOX ELDER	COMPTON SPRING	41-14.34 N 112-24.66 W 06N 005W	21	0017637	21.5	
BOX ELDER	COYOTE WARM SPRING	41-54.06 N 112-59.94 W 14N 010W	33	0017279	43.5	
BOX ELDER	COYOTE WARM SPRING	41-54.06 N 112-59.94 W 14N 010W	33	0017278	43.	
BOX ELDER	CRYSTAL (MADSENS) HOT SPRING	41-44.90 N 112-05.22 W 11N 002W	29	0017081	53.5	
BOX ELDER	CRYSTAL (MADSENS) HOT SPRING	41-44.90 N 112-05.22 W 11N 002W	29	0017082	55.5	
BOX ELDER	CRYSTAL (MADSENS)HOT SPRING	41-39.60 N 112- 5.10 W 11N 002W	29	0017341		
BOX ELDER	CRYSTAL (MADSENS)HOT SPRING	41-39.60 N 112- 5.10 W 11N 002W	29	0017340	51.1	
BOX ELDER	CRYSTAL (MADSENS)HOT SPRING	41-39.60 N 112- 5.10 W 11N 002W	29	0017339		
BOX ELDER	CUTLER WARM SPRING	41-50.04 N 112- 3.36 W 13N 002W	27	0017392	23.	
BOX ELDER	DAVIS I	41-41.62 N 112-04.92 W 10N 002W	16	0017073	107.	
BOX ELDER	HANNA, GARY	41-57.96 N 112-52.56 W 14N 009W	04	0017277	20.5	
BOX ELDER	HEAD SPRING	41-49.92 N 113-39.18 W 13N 016W	23	0017636	21.	
BOX ELDER	JEPPELSON	41-37.44 N 112-10.68 W 10N 003W	04	0017389	25.0	
BOX ELDER	KIMBER (ROSE) SPRING	41-33.84 N 113-57.24 W 10N 018W	30	0017466	20.	
BOX ELDER	KIMBER, R. C.	41-33.24 N 113-54.66 W 10N 018W	33	0017237	20.0	
BOX ELDER	KING, L.	41-46.20 N 112-10.50 W 12N 003W	15	0017071	20.0	
BOX ELDER	L. W. KELLER CORP. WELL #2	41- 6.48 N 113-23.10 W 05N 013W	31	0017650	22.	
BOX ELDER	LARSON, C. D.	41-49.20 N 113-18.60 W 13N 013W	27	0017632	21.	
BOX ELDER	LDS CHURCH	41-20.46 N 112- 3.96 W 07N 002W	16	0017429	24.	
BOX ELDER	LEE, J. E.	42- 0.00 N 112-52.80 W 15N 009W	28	0017281	24.	
BOX ELDER	LEE, J. E.	42- 0.00 N 112-52.80 W 15N 009W	28	0017280		
BOX ELDER	LITTLE MOUNTAIN WARM SPRING		10S 004W	24	0017078	42.0
BOX ELDER	LITTLE MOUNTAIN WARM SPRING	41-40.22 N 112-15.45 W 10N 004W	24	0017079	42.	
BOX ELDER	NATIONAL PARK SERVICE	41-37.14 N 112-32.76 W 10N 006W	09	0017640	22.5	
BOX ELDER	NATIONAL PARK SERVICE	41-37.14 N 112-32.76 W 10N 006W	09	0017641	21.5	
BOX ELDER	NESSEN, L. D.	41-49.08 N 112-27.36 W 13N 005W	31	0017603	20.5	
BOX ELDER	PENTON, R. G.	41-20.22 N 112-03.84 W 07N 002W	16	0017430	25.	
BOX ELDER	POULSEN, V. S.	41-27.06 N 112-26.34 W 08N 005W	05	0017226	20.0	
BOX ELDER	POULSEN, V. S.	41-26.82 N 112-27.24 W 08N 005W	05	0017639	22.	
BOX ELDER	PUGSLEY, R. R.	41-49.98 N 113-23.46 W 13N 014W	24	0017635	23.	
BOX ELDER	RICHARDSON, E. M.	41-49.08 N 113-18.54 W 13N 013W	35	0017634	23.	
BOX ELDER	STINKING HOT SPRINGS	41-34.62 N 112-14.10 W 10N 003W	30	0017391	47.5	
BOX ELDER	STINKING HOT SPRINGS	41-34.62 N 112-14.10 W 10N 003W	30	0017338		
BOX ELDER	STINKING HOT SPRINGS	41-34.62 N 112-14.10 W 10N 003W	30	0017337	51.1	
BOX ELDER	STINKING HOT SPRINGS	41-34.62 N 112-14.10 W 10N 003W	30	0017336	51.1	
BOX ELDER	STINKING HOT SPRINGS	41-34.62 N 112-14.16 W 10N 003W	30	0017335		

BOX ELDER	STINKING HOT SPRINGS	41-34.62 N 112-14.10 W 10N 003W	30	0017390	48.	
BOX ELDER	STOKES, DELORIS	41-58.08 N 112-28.98 W 14N 006W	09	0017604	20.5	
BOX ELDER	TAMNER, MERLIN	41-34.86 N 113-54.54 W 10N 018W	21	0017236	20.0	
BOX ELDER	TAYLOR, C.	41-58.68 N 112-52.80 W 14N 009W	04	0017276	22.	
BOX ELDER	TAYLOR, C.	41-59.88 N 112-53.04 W 15N 009W	29	0017282	20.	
BOX ELDER	TAYLOR, E.	41-59.58 N 112-54.42 W 15N 009W	31	0017283	21.5	
BOX ELDER	TAYLOR, E.	41-59.58 N 112-54.42 W 15N 009W	31	0017284	16.	
BOX ELDER	TOLMAN, R. W.	41-59.16 N 112-32.16 W 15N 006W	34	0017605	20.5	
BOX ELDER	TOWN OF HOWELL	41-45.42 N 112-23.94 W 12N 005W	22	0017228	Q 20.0	
BOX ELDER	TOWN OF PLYMOUTH	41-57.82 N 112-09.08 W 13N 003W	11	0017085	29.0	
BOX ELDER	UDY HOT SPRINGS	41-56.40 N 112-09.37 W 13N 003W	23	0017072	43.0	
BOX ELDER	UDY HOT SPRINGS	41-51.18 N 112- 9.54 W 13N 003W	23	0017394	43.	
BOX ELDER	UDY HOT SPRINGS (INDIAN POOL)	41-56.40 N 112-09.37 W 13N 003W	23	0017087	43.0	
BOX ELDER	UDY HOT SPRINGS (MORNING GLORY POOL)	41-51.18 N 112- 9.30 W 13N 003W	23	0017393	51.	
BOX ELDER	UDY HOT SPRINGS (RIVER POOLS)	41-56.52 N 112-09.37 W 13N 003W	23	0017086	46.0	
BOX ELDER	UNNAMED SPRING		11N 004W	34	0017083	21.0
BOX ELDER	UNNAMED SPRING	41-40.32 N 112-15.60 W 10N 004W	23	0017077	26.0	
BOX ELDER	UNNAMED SPRING	41-43.70 N 112-17.17 W 11N 004W	34	0017084	22.0	
BOX ELDER	UNNAMED SPRING	41-43.74 N 112-32.40 W 12N 006W	33	0017600	Q 20.5	
BOX ELDER	UNNAMED SPRING	41-40.42 N 112-15.60 W 10N 004W	23	0017076	24.5	
BOX ELDER	UNNAMED SPRING	41-19.92 N 112-24.30 W 07N 005W	15	0017638	25.	
BOX ELDER	UTAH HOT SPRINGS	41-20.32 N 112-01.86 W 07N 002W	14	0017334	58.3	
BOX ELDER	WARBURTON, M.	41-41.16 N 113-58.92 W 11N 019W	11	0017238	42.0	
BOX ELDER	WARM SPRING #2	41-36.78 N 113-36.78 W 10N 015W	06	0017629	20.	
BOX ELDER	WARM SPRING 1	41-45.48 N 113-36.18 W 12N 015W	19	0017630	26.5	
BOX ELDER	WELLS & LARKIN	41-21.66 N 112- 3.66 W 07N 002W	10	0017428	24.	
BOX ELDER	WILLARD BAY GUN CLUB	41-25.44 N 112- 4.08 W 08N 002W	21	0017395	20.	
CACHE	BECKSTEAD, A.A. WELL	41-45.87 N 111-50.60 W 12N 001E	21	0017096	24.0	
CACHE	DENSON IRRIGATION COMPANY WELL	41-46.70 N 111-51.32 W 12N 001E	17	0017092	21.0	
CACHE	DENSON IRRIGATION COMPANY WELL	41-46.63 N 111-50.87 W 12N 001E	16	0017088	54.9	
CACHE	DENSON IRRIGATION COMPANY WELL	41-46.55 N 111-50.87 W 12N 001E	16	0017089	21.0	
CACHE	BODRERO, D. WELL	41-46.78 N 111-50.32 W 12N 001E	16	0017090	20.0	
CACHE	BROWN, H. WELL	41-53.03 N 111-56.37 W 13N 001W	10	0017608	49.	
CACHE	CACHE VALLEY DAIRY WELL	41-51.00 N 111-53.18 W 13N 001E	19	0017606	21.	
CACHE	CRONQUIST, H.C. WELL	41-48.58 N 111-55.70 W 12N 001W	02	0017607	21.	
CACHE	GANCHEFF, D.J. SPRING	41-54.82 N 111-57.42 W 14N 001W	33	0017611	31.	
CACHE	GOSSNER CHEESE WELL	41-45.10 N 111-51.62 W 12N 001E	29	0017105	23.0	
CACHE	GOSSNER, E. WELL	41-44.73 N 111-51.78 W 12N 001E	29	0017106	20.0	
CACHE	KEARL, L. WELL	41-45.12 N 111-50.80 W 12N 001E	28	0017103	21.0	
CACHE	LDS WELFARE FARM WELL	41-45.18 N 111-50.72 W 12N 001E	28	0017102	23.0	
CACHE	LISONREE, C. WELL	41-45.01 N 111-50.80 W 12N 001E	28	0017104	21.0	
CACHE	LOGANA PLUNGE WELL	41-45.50 N 111-50.72 W 12N 001E	28	0017101	25.0	
CACHE	LOGANA PLUNGE WELL	41-45.50 N 111-50.72 W 12N 001E	28	0017100	24.0	
CACHE	NUTTALL, J.L. WELL	41-47.27 N 111-56.20 W 12N 001W	10	0017107	21.0	
CACHE	PEART, W. WELL	41-45.75 N 111-50.88 W 12N 001E	21	0017097	25.0	
CACHE	SEAMONS, H.B. WELL	41-49.87 N 111-49.47 W 13N 001W	27	0017108	23.0	
CACHE	SEARS, F. WELL	41-45.60 N 111-49.95 W 12N 001E	22	0017098	27.0	
CACHE	STETLER, F. WELL	41-45.33 N 111-49.02 W 12N 001E	27	0017099	26.0	
CACHE	TAYLOR, C. WELL	41-46.42 N 111-50.17 W 12N 001E	16	0017091	22.0	
CACHE	TOOMBS, W.W. WELL	41-50.70 N 111-54.43 W 13N 001W	25	0017609	28.	
CACHE	TOOMBS, W.W. WELL	41-50.70 N 111-54.43 W 13N 001W	25	0017610	28.	
CACHE	WENNERGREN, C. WELL	41-45.80 N 111-51.82 W 12N 001E	20	0017094	24.0	
CACHE	WENNERGREN, C. WELL	41-46.03 N 111-51.80 W 12N 001E	20	0017093	23.0	
CACHE	WENNERGREN, C. WELL	41-45.70 N 111-52.00 W 12N 001E	20	0017095	23.0	
DAVIS	BYINGTON, H. J.	41-10.85 N 112-08.52 W 05N 003W	11	0017417	20.	

DAVIS	CEN. DAVIS CO. SD WELL	40-59.95	N	111-56.58	W	03N	001W	15	0017403	22.
DAVIS	CEN. DAVIS CO. SD WELL	40-59.95	N	111-56.58	W	03N	001W	15	0017404	24.
DAVIS	FARMINGTON BAY REFUGE WELL	40-56.45	N	111-55.00	W	03N	001W	35	0017407	29.
DAVIS	FARMINGTON BAY REFUGE WELL	40-56.45	N	111-55.00	W	03N	001W	35	0017406	33.
DAVIS	GSL AUTHORITY WELL	41-03.88	N	112-13.87	W	04N	003W	19	0017411	23.
DAVIS	GSL AUTHORITY WELL	41-03.88	N	112-13.87	W	04N	003W	19	0017410	24.
DAVIS	GSL AUTHORITY WELL	41-03.88	N	112-13.87	W	04N	003W	19	0017412	21.
DAVIS	GSL AUTHORITY WELL	41-03.88	N	112-13.87	W	04N	003W	19	0017409	24.0
DAVIS	HARRIS, W. WELL	41-00.82	N	111-57.02	W	03N	001W	09	0017402	20.0
DAVIS	HAWKES, C.C. WELL	41-12.05	N	112-05.48	W	05N	002W	05	0017415	22.
DAVIS	HILL AFB WELL NO. 2	41-08.45	N	111-58.85	W	05N	001W		0017174	Q 20.0
DAVIS	HILL AFB WELL NO. 5	41-06.27	N	111-59.60	W	04N	001W	06	0017408	Q 22.
DAVIS	HOOPER HOT SPRINGS	41-08.22	N	112-10.52	W	05N	003W	27	0017325	47.8
DAVIS	HOOPER HOT SPRINGS	41-08.22	N	112-10.52	W	05N	003W	27	0017324	54.4
DAVIS	HOOPER HOT SPRINGS	41-08.22	N	112-10.52	W	05N	003W	27	0017176	60.
DAVIS	HOOPER HOT SPRINGS	41-08.22	N	112-10.52	W	05N	003W	27	0017321	60.
DAVIS	ROUECHE, L. WELL	41-01.17	N	111-57.72	W	03N	001W	04	0017400	20.
DAVIS	SMITH, C.D. WELL	41-01.17	N	111-58.17	W	03N	001W	05	0017401	24.
DAVIS	SOUTHWEST HOOPER WARM SPRINGS	41-08.22	N	112-10.95	W	05N	003W	28	0000741	32.2
DAVIS	THALMAN, A. WELL	40-52.35	N	111-55.85	W	02N	001W	27	0017912	20.0
DAVIS	THALMAN, F. WELL	40-52.30	N	111-55.17	W	02N	001W	26	0017172	Q 20.0
DAVIS	WAYMENT, E.J. WELL	41-17.13	N	112-10.97	W	06N	003W	04	0017424	21.
DAVIS	WHEELER MACH. CO. WELL	40-58.12	N	111-55.87	W	03N	001W	27	0017405	21.0
DUCHESNE	WARM SPRING	40-27.	N	110-49.	W	01N	008W	30	0017556	26.
EMERY	ROADSIDE GEYSER - WATER WELL	39-15.83	N	110-21.17	W	18S	014E	09	0017218	27.8
GARFIELD	DEAD COWS SPRING	38-06.58	N	110-56.80	W	31S	009E	17	0017208	25.0
GARFIELD	HONEY POT SPRING	37-42.62	N	110-44.00	W	36S	011E	06	0017623	23.
GARFIELD	LAPEYRE'S SPRING	37-56.	N	112-26.	W	33S	005W	17	0017537	R 29.
GARFIELD	MILL RACE SPRING	37-37.86	N	110-43.14	W	36S	011E	32	0017624	25.
GARFIELD	MULE SPRING	37-40.72	N	110-36.12	W	36S	012E	08	0017626	23.
GARFIELD	SALERATUS SPRING	37-45.07	N	110-49.18	W	35S	010E	21	0017620	Q 20.
GARFIELD	SALT SPRING	37-45.32	N	110-47.28	W	35S	010E	20	0017619	20.
GARFIELD	SHITAMARING MINE WELL	37-45.50	N	110-41.98	W	35S	011E	16	0017615	21.
GARFIELD	SHITAMARING MINE WELL	37-45.50	N	110-41.98	W	35S	011E	16	0017614	20.
GARFIELD	SHITAMARING SPRING	37-45.42	N	110-42.13	W	35S	011E	21	0017621	22.
GARFIELD	TEBBS SPRING	37-56.12	N	112-25.50	W	33S	005W	16	0017538	Q 20.
GARFIELD	THOMPSON SEEP	37-45.78	N	110-52.57	W	35S	009E	13	0017618	21.
GARFIELD	TIC A BOO SPRING	37-44.90	N	110-34.83	W	35S	012E	27	0017625	28.
GARFIELD	UPPER HOG SPRING	37-57.78	N	110-30.07	W	33S	013E	05	0017627	31.
IRON	BIG MAPLE SPRING	38-08.30	N	112-51.80	W	31S	009W	03	0017463	21.
IRON	BUCKHORN CORP.	38-02.45	N	112-42.73	W	32S	008W	12	0017220	20.0
IRON	CHRISTENSEN BROS WATER WELL	37-39.57	N	113-33.77	W	36S	015W	20	0017118	Q 95.5
IRON	COLUMBIA IRON WELL	37-41.52	N	113-32.25	W	36S	015W	04	0017115	20.0
IRON	DE ARMAND #1 WELL	37-50.34	N	113-41.22	W	34S	016W	18	0017114	145.
IRON	JONES, L. C. WELL	37-48.52	N	113-08.90	W	34S	012W	36	0017221	20.0
IRON	PICKERELL, V. OBSERVATION WELL	37-40.13	N	113-34.52	W	36S	015W	18	0017117	23.3
IRON	VANDENBURGE G.	37-36.05	N	113-09.85	W	37S	012W	11	0017222	21.1
IRON	VANDENBURGE G.	37-36.10	N	113-09.73	W	37S	012W	11	0017628	21.
JUAB	BAKER (ABRAHAM OR CRATER) HOT SPRINGS	39-36.8	N	112-43.7	W	14S	008W	10	0017358	
JUAB	BAKER (ABRAHAM OR CRATER) HOT SPRINGS	39-36.8	N	112-43.7	W	14S	008W	10	0002963	Q 82.2
JUAB	BAKER (ABRAHAM OR CRATER) HOT SPRINGS	39-36.8	N	112-43.7	W	14S	008W	10	0017536	Q 82.2
JUAB	BAKER (ABRAHAM OR CRATER) HOT SPRINGS	39-36.8	N	112-43.7	W	14S	008W	10	0000745	Q 82.2
JUAB	FISH SPRINGS	39-50.5	N	113-23.5	W	11S	014W	23	0017465	27.8
JUAB	LUNT R.	39-47.29	N	111-52.84	W	12S	001W	12	0017224	20.
MILLARD	BADGER, F.	39- 8.88	N	112-26.34	W	19S	005W	21	0017189	22.2

MILLARD	CHRISTENSEN DROS.	39- 1.68 N 112-26.64 W 20S 005W	32	0017192	22.2
MILLARD	COYOTE N.	38-46.38 N 112-51.90 W 23S 009W	33	0017304	20.
MILLARD	COYOTE S.	38-45.72 N 112-52.50 W 24S 009W	04	0017305	20.
MILLARD	COYOTE SPRING	39-25.44 N 113-29.22 W 16S 015W	13	0017029	28.0
MILLARD	COYOTE SPRING	39-25.44 N 113-29.22 W 16S 015W	13	0017028	28.0
MILLARD	CRAFTS, D.	39-19.50 N 112-37.02 W 17S 007W	22	0017267	20.6
MILLARD	DEVILS RIDGE SPRING	38-51.54 N 112-30.72 W 22S 006W	34	0017906	18.0
MILLARD	DMAD IRR	39-24.60 N 112-27.48 W 16S 005W	19	0017253	20.
MILLARD	DMAD IRR	39-28.08 N 112-24.78 W 15S 005W	33	0017250	21.7
MILLARD	DMAD IRR	39-28.08 N 112-24.78 W 15S 005W	33	0017249	21.1
MILLARD	DMAD IRR	39-24.60 N 112-27.48 W 16S 005W	19	0017252	20.
MILLARD	DMAD IRR	39-25.62 N 112-27.18 W 16S 005W	18	0017251	20.
MILLARD	ELLSWORTH, L. B.	39-18.48 N 112-28.98 W 17S 006W	26	0017262	75.
MILLARD	ELLSWORTH, L. B.	39-24.90 N 112-45.78 W 16S 008W	21	0017005	24.4
MILLARD	ELLSWORTH, L. B.	39-24.96 N 112-45.78 W 16S 008W	21	0017274	28.9
MILLARD	FOOTES RANCH	39-25.92 N 113-52.50 W 16S 018W	09	0017231	20.0
MILLARD	GANDY WARM SPRING	39-27.84 N 114- 1.98 W 15S 019W	31	0017910	28.
MILLARD	GANDY WARM SPRINGS	39-27.90 N 114- 2.04 W 15S 019W	31	0017645	27.
MILLARD	GANDY WARM SPRINGS	39-27.90 N 114- 2.04 W 15S 019W	31	0017646	26.5
MILLARD	GARDNER, J. F. AND R. M.	39-20.64 N 112-32.34 W 17S 006W	17	0017259	27.8
MILLARD	GOLDEN HARVEY IRR	39-24.18 N 112-43.20 W 16S 008W	26	0017257	26.6
MILLARD	GOLDEN HARVEY IRR	39-24.18 N 112-43.20 W 16S 008W	26	0017258	26.6
MILLARD	HANSEN, D. L.	39-24.84 N 112-35.76 W 16S 007W	23	0017004	21.7
MILLARD	HART, C. D.	39-17.16 N 112-33.72 W 18S 006W		0017002	21.7
MILLARD	HATTON HOT SPRINGS	38-51.18 N 112-29.40 W 22S 006W	35	0017363	
MILLARD	HATTON HOT SPRINGS	38-51.06 N 112-29.16 W 22S 006W	35	0017907	36.0
MILLARD	HATTON HOT SPRINGS	38-51.12 N 112-29.28 W 22S 006W	35	0017903	30.0
MILLARD	HATTON HOT SPRINGS	38-51.18 N 112-29.40 W 22S 006W	35	0017362	37.7
MILLARD	HILL, J. D.	39-13.38 N 114-00.06 W 18S 019W	28	0017648	22.
MILLARD	HILL, J. D.	39-29.10 N 114- 0.12 W 18S 019W	20	0017647	22.
MILLARD	IBEX 108	38-55.68 N 113-22.38 W 22S 014W	01	0017041	16.5
MILLARD	JONES, J. R.	39-25.02 N 112-35.46 W 16S 007W	24	0017254	23.3
MILLARD	JONES, J. R.	39-25.02 N 112-35.46 W 16S 007W	24	0017255	22.7
MILLARD	KNOLL SPRINGS	39-14.88 N 113-52.62 W 18S 018W	16	0017230	21.4
MILLARD	LARSEN, T.	39-22.56 N 112-31.92 W 17S 006W	21	0017261	20.6
MILLARD	MCBRIDE, H.	39-01.98 N 112-26.28 W 20S 005W	32	0017900	20.0
MILLARD	MEADOW HOT SPRINGS	38-51.96 N 112-30.30 W 22S 006W	27	0017534	41.
MILLARD	MEADOW HOT SPRINGS	38-51.90 N 112-30.42 W 22S 006W	27	0017301	33.
MILLARD	MEADOW HOT SPRINGS	38-51.80 N 112-30.00 W		0000747	41.0
MILLARD	MEADOW HOT SPRINGS	38-51.90 N 112-30.36 W 22S 006W	27	0017533	30.
MILLARD	MEADOW HOT SPRINGS	38-51.90 N 112-30.30 W 22S 006W	27	0017361	32.2
MILLARD	MEADOW HOT SPRINGS	38-51.90 N 112-30.18 W 22S 006W	26	0017360	
MILLARD	MEADOW HOT SPRINGS	38-51.90 N 112-30.18 W 22S 006W	26	0017359	35.
MILLARD	MEADOW, E.	38-52.32 N 112-28.92 W 22S 006W	25	0017302	24.
MILLARD	MOODY, R. D.	39-20.40 N 112-34.02 W 17S 006W	18	0017260	26.1
MILLARD	NEEL RR	39-03.00 N 112-46.08 W 20S 008W		0017018	
MILLARD	NEEL RR	39-03.00 N 112-46.08 W 20S 008W	29	0017017	
MILLARD	NEEL RR	39-03.00 N 112-46.08 W 20S 008W	29	0017019	Q
MILLARD	PAXTON W.A.	38-59.88 N 112-31.74 W 21S 006W	09	0017902	20.6
MILLARD	PECK, L. C.	39-26.16 N 112-42.54 W 16S 008W	12	0017256	26.6
MILLARD	PETERSON, G. M.	39-17.34 N 112-37.62 W 17S 007W	34	0017268	21.7
MILLARD	ROBISON, W.	39-14.40 N 112-41.46 W 18S 008W	24	0017003	25.6
MILLARD	ROSS, C. K.	39-17.70 N 112-32.22 W 17S 006W	33	0017264	20.
MILLARD	SKUNK SPRING	39-17.88 N 113-38.76 W 17S 016W	28	0017040	16.0
MILLARD	THEODOLO, P.	37-18.66 N 112-31.62 W 17S 006W	28	0017263	25.

MILLARD	TOWN OF DELTA	39-21.00 N 112-34.62 W 17S 007W 01	0017266	26.6
MILLARD	TOWN OF DELTA	39-21.48 N 112-34.62 W 17S 007W 01	0017265	26.6
MILLARD	TULE SPRING GROUP	39-20.82 N 113-30.90 W 17S 015W 10	0017034	27.0
MILLARD	TULE SPRING GROUP	39-20.82 N 113-31.08 W 17S 015W 10	0017035	27.0
MILLARD	TULE, N.	39-21.09 N 113-30.96 W 17S 015W 10	0017033	28.0
MILLARD	TULE, S.	39-19.98 N 113-31.08 W 17S 015W 15	0017036	25.0
MILLARD	TWIN PEAKS	38-47.76 N 112-42.90 W 23S 008W 23	0017303	31.
MILLARD	TWIN SPRINGS	39-26.28 N 113-51.00 W 16S 018W 22	0017229	20.0
MILLARD	U.S. BUREAU OF LAND MANAGEMENT	39- 7.20 N 112-28.26 W 19S 005W 31	0017190	29.4
MILLARD	UNION PACIFIC	39-17.10 N 112-27.54 W 18S 005W 06	0017001	21.1
MILLARD	UNNAMED SPRING	39-21.12 N 113-31.08 W 17S 015W 10	0017031	27.5
MILLARD	UNNAMED SPRING	39-23.28 N 113-30.48 W 16S 015W 26	0017030	24.5
MILLARD	UNNAMED SPRING	39-18.24 N 113-29.40 W 17S 015W 25	0017037	27.0
MILLARD	UNNAMED SPRING	39-21.12 N 113-30.78 W 17S 015W 10	0017032	27.5
MILLARD	UNNAMED SPRING	38-52.14 N 112-29.04 W 22S 006W 25	0017909	22.0
MILLARD	UNNAMED WELL	38-50.88 N 112-29.34 W 22S 006W 35	0017535	67.
MILLARD	UNNAMED WELL	39-18.00 N 113-29.40 W 17S 015W 25	0017038	31.0
MILLARD	UTLEY AND STARLEY	38-57.42 N 112-27.00 W 21S 005W 30	0017901	20.0
MILLARD	WARM SPRING	38-51.78 N 112-30.42 W 22S 006W 27	0017904	35.0
MILLARD	WARM SPRINGS	39-27.84 N 114- 1.98 W 15S 019W 31	0017911	27.2
MILLARD	WILLOW SPRING	39-22.20 N 113-30.78 W 16S 015W 34	0017039	19.5
MILLARD	WILSON, E. V.	39- 3.12 N 112-26.34 W 20S 005W 21	0017191	20.0
MILLARD (& BEAVERCOVE FORT - SULPHURDALE		38-36.00 N 112-33.00 W	0000737	
MORGAN	COMO WARM SPRING	41- 2.34 N 111-39.24 W 04N 003W 31	0017653	25.
MORGAN	COMO WARM SPRINGS	41-02.3 N 111-39.24 W 04N 003E 31	0017652	26.7
SALT LAKE	BACCHUS GRAVEL PIT	40-40.75 N 111-58.22 W 02S 002W 05	0017058	20.0
SALT LAKE	BARROS INC.	40-32.98 N 111-51.8 W 03S 001E 20	0017069	23.3
SALT LAKE	BECKS HOT SPRING	40-48.96 N 111-55.08 W 01N 001W 14	0017313	
SALT LAKE	BECKS HOT SPRING	40-48.96 N 111-55.08 W 01N 001W 14	0017315	
SALT LAKE	BECKS HOT SPRING	40-48.95 N 111-55.08 W 01N 001W 14	0017300	55.
SALT LAKE	BECKS HOT SPRING	40-48.96 N 111-55.08 W 01N 001W 14	0017316	
SALT LAKE	BECKS HOT SPRING	40-48.96 N 111-55.08 W 01N 001W 14	0017314	
SALT LAKE	BECKS HOT SPRING	40-48.95 N 111-55.08 W 01N 001W 14	0017528	55.5
SALT LAKE	BECKS HOT SPRING	40-48.95 N 111-55.08 W 01N 001W 14	0017527	54.4
SALT LAKE	DONNEVILLE-ON-THE HILL	40-48.7 N 112-04.3 W 01N 002W 21	0017510	20.
SALT LAKE	DONNEVILLE-ON-THE HILL	40-48.7 N 112-04.3 W 01N 002W 21	0017509	22.
SALT LAKE	DONNEVILLE-ON-THE HILL	40-45.84 N 112-01.2 W 01S 002W 01	0017521	26.
SALT LAKE	DONNEVILLE-ON-THE HILL	40-47.94 N 112-04.1 W 01N 002W 21	0017513	22.7
SALT LAKE	DONNEVILLE-ON-THE HILL	40-48.42 N 112- 4.14 W 01N 002W 21	0017511	24.
SALT LAKE	DONNEVILLE-ON-THE HILL	40-49.1 N 112-04.5 W 01N 002W 16	0017508	24.
SALT LAKE	DONNEVILLE-ON-THE HILL	40-48.7 N 112- 4.80 W 01N 002W 21	0017512	23.
SALT LAKE	DONNEVILLE-ON-THE HILL	40-45.8 N 112-01.7 W 01S 002W 02	0017522	26.6
SALT LAKE	DONNEVILLE-ON-THE HILL	40-46.1 N 112-01.9 W 01S 002W 02	0017516	24.4
SALT LAKE	DONNEVILLE-ON-THE HILL	40-47.2 N 112- 3.54 W 01N 002W 27	0017515	25.
SALT LAKE	DONNEVILLE-ON-THE-HILL	40-48.54 N 112- 3.42 W 01N 002W 22	0017514	23.
SALT LAKE	CAMP WILLIAMS R.R.	40-27.48 N 111-55.56 W 04S 001W 22	0017494	21.
SALT LAKE	CRYSTAL HOT SPRINGS	40-29.25 N 111-54.66 W 04S 001W 11,	0017354	
SALT LAKE	CRYSTAL HOT SPRINGS	40-29.25 N 111-54.66 W 04S 001W 11,	0017353	
SALT LAKE	CRYSTAL HOT SPRINGS	40-29.25 N 111-54.66 W 04S 001W 11,	0017352	
SALT LAKE	CRYSTAL HOT SPRINGS	40-29.25 N 111-54.66 W 04S 001W 11	0017532	32.7
SALT LAKE	CRYSTAL HOT SPRINGS	40-29.25 N 111-54.66 W 04S 001W 11	0017531	58.3
SALT LAKE	DRAPER IRRIGATION	40-31.62 N 111-52.1 W 03S 001E 29	0017505	25.5
SALT LAKE	DRAPER IRRIGATION CO.	40-32.8 N 111-51.8 W 03S 001E 20	0017518	21.
SALT LAKE	E. JORDAN CANAL CO.	38-58.62 N 110-59.92 W 03S 001W 23	0017055	22.7
SALT LAKE	FOX, L.	40-44.70 N 112- 0.36 W 01S 002W 12	0017048	21.7

SALT LAKE	GILLMORE, C. F. & E. L.	40-50.52 N 111-58.02 W 01N 001W	05	0017476	
SALT LAKE	GILLMORE, C. F.	40-47.5 N 112-00.5 W 01N 002W	25	0017064	25.0
SALT LAKE	GILLMORE, C. F.	40-47.5 N 112-00.5 W 01N 002W	25	0017065	25.
SALT LAKE	GILLMORE, C. F. & E. L.	40-50.52 N 111-58.02 W 01N 001W	05	0017475	28.5
SALT LAKE	GRANGER HUNTER IMPROVEMENT DIST.	40-47.22 N 111-56.88 W 01N 001W	28	0017045	21.1
SALT LAKE	GRANGER-HUNTER IMPROVEMENT DIST.	40-41.94 N 111-55.68 W 01S 001W	27	0017490	21.
SALT LAKE	GRANGER-HUNTER IMPROVEMENT DIST.	40-43.14 N 111-58.6 W 01S 001W	20	0017507	23.3
SALT LAKE	GRAVEL PIT	40-40.30 N 111-50.50 W 02S 001W	04	0017057	20.0
SALT LAKE	HARRISON, A. W.	40-33.96 N 111-54.60 W 03S 001W	12	0017053	20.6
SALT LAKE	HARRISON, A. W.	40-34.1 N 111-54.5 W 03S 001W	12	0017493	20.5
SALT LAKE	IRVINE, R. L.	40-50.77 N 112-01.7 W 01N 002W	02	0017060	26.6
SALT LAKE	IRVINE, R. L.	40-50.77 N 112-01.7 W 01N 002W	02	0017059	26.1
SALT LAKE	IRVINE, R. L.	40-50.77 N 112-01.7 W 01N 002W	02	0017063	20.0
SALT LAKE	JEREMY E. J.	40-46.98 N 112-00.94 W 01N 002W	36	0017061	Q 27.2
SALT LAKE	JEREMY, E. J.	40-47.10 N 112- 0.90 W 01N 002W	36	0017482	28.5
SALT LAKE	JEREMY, E. J.	40-48.78 N 111-59.94 W 01N 001W	19	0017480	23.
SALT LAKE	JEREMY, E. J.	40-48.78 N 111-59.70 W 01N 001W	19	0017478	22.5
SALT LAKE	JEREMY, E. J.	40-47.10 N 112- 0.90 W 01N 002W	36	0017483	28.
SALT LAKE	JEREMY, E. J.	40-48.7 N 111-59.94 W 01N 001W	19	0017481	24.4
SALT LAKE	JEREMY, E. J.	40-48.7 N 111-59.70 W 01N 001W	19	0017479	20.
SALT LAKE	KENNECOTT COPPER	40-43.05 N 111-59.76 W 01S 001W	19	0017062	Q 24.4
SALT LAKE	KENNECOTT COPPER	40-44.16 N 112-10.3 W 01S 003W	15	0017504	27.2
SALT LAKE	KENNECOTT COPPER	40-43.02 N 112- 0.60 W 01S 002W	24	0017502	22.7
SALT LAKE	KENNECOTT COPPER	40-44.17 N 112-10.11 W 01S 003W	15	0017524	21.6
SALT LAKE	KENNECOTT COPPER	40-19.98 N 112- 5.10 W 01S 002W	17	0017520	21.
SALT LAKE	KENNECOTT COPPER	40-43.96 N 112-10.46 W 01S 003W	15	0017525	26.
SALT LAKE	KENNECOTT COPPER	40-44.16 N 112-10.3 W 01S 003W	15	0017503	27.7
SALT LAKE	KLEIN, F. G.	40-43.44 N 112- 0.36 W 01S 002W	24	0017517	23.
SALT LAKE	LAKEFRONT GUN CLUB	40-51.36 N 112- 2.34 W 02N 002W	35	0017485	22.
SALT LAKE	LAKEFRONT GUN CLUB	40-51.36 N 112- 2.34 W 02N 002W	35	0017486	26.5
SALT LAKE	LDS CHURCH PIONEER STAKE	40-44.78 N 112- 0.36 W 01S 002W	12	0017050	21.7
SALT LAKE	LOGAN, S. B.	40-32.05 N 111-51.6 W 03S 001E	29	0017519	22.
SALT LAKE	MORTON SALT	40-46.08 N 112- 6.06 W 01S 002W	06	0017047	22.2
SALT LAKE	MORTON SALT	40-46.08 N 112- 6.06 W 01S 002W	06	0017046	21.1
SALT LAKE	MORTON SALT	40-46.7 N 112-10.50 W 01N 003W	34	0017484	25.5
SALT LAKE	MORTON SALT	40-46.86 N 112-10.68 W 01N 003W	34	0017043	26.1
SALT LAKE	MORTON SALT CO.	40-46.14 N 112- 6.06 W 01S 002W	06	0017523	22.
SALT LAKE	RUDY GUN CLUB	40-50.64 N 111-59.94 W 01N 001W	06	0017477	22.
SALT LAKE	SALT LAKE CO. WATER CONSERV. DISTRICT	40-41.28 N 111-55.20 W 01S 001W	35	0017491	21.
SALT LAKE	SALT LAKE CO. WATER CONSERVATION DISTRICT	40-41.28 N 111-55.2 W 01S 001W	35	0017492	22.8
SALT LAKE	SALT LAKE COUNTY WATER CONSERVATION DISTRICT	40-35.2 N 111-54.2 W 03S 001W	01	0017068	24.4
SALT LAKE	SANDY CITY CORP.	38-59.40 N 111-04.37 W 03S 001W	18	0017056	27.8
SALT LAKE	SCHMIDT, M.	40-43.35 N 111-52.9 W 01S 001E	19	0017526	25.5
SALT LAKE	SOL	40-48.36 N 111-55.2 W 01N 001W	23	0017506	30.5
SALT LAKE	STATE OF UTAH	40-49.62 N 111-59.94 W 01N 001W	18	0017044	20.0
SALT LAKE	STATE PRISON	40-29.76 N 111-54.72 W 04S 001W	02	0017054	28.3
SALT LAKE	SUDBURY, L. W.	40-43.56 N 111-59.16 W 01S 001W	18	0017489	22.
SALT LAKE	SUDBURY, L. W.	40-43.56 N 111-59.16 W 01S 001W	18	0017488	21.5
SALT LAKE	SUDBURY, L. W.	40-43.56 N 111-59.16 W 01S 001W	18	0017487	22.
SALT LAKE	SUDBURY, S. A.	40-43.57 N 111-59.2 W 01S 001W	18	0017500	20.6
SALT LAKE	SUDBURY, S. A.	40-43.57 N 111-59.2 W 01S 001W	18	0017501	20.5
SALT LAKE	TOWERS, H.A.	40-39.24 N 111-45.78 W 02S 001E	07	0017070	20.0
SALT LAKE	UNNAMED SPRING	40-27.36 N 111-55.62 W 04S 001W	23	0017052	22.7
SALT LAKE	UNNAMED SPRING	40-47.28 N 112- 0.90 W 01N 002W	25	0017497	29.
SALT LAKE	UTAH POWER AND LIGHT CO.	40-45.33 N 112-00.4 W 01S 002W	01	0017067	20.0

SALT LAKE	WASATCH HOT SPRINGS	40-47.4	N	111-53.99	W	01N	001W	25	0017317	
SALT LAKE	WASATCH HOT SPRINGS	40-47.4	N	111-53.99	W	01N	001W	25	0017318	
SALT LAKE	WASATCH HOT SPRINGS	40-47.4	N	111-53.99	W	01N	001W	25	0017319	
SALT LAKE	WASATCH HOT SPRINGS	40-47.4	N	111-53.99	W	01N	001W	25	0017320	
SALT LAKE	WASATCH HOT SPRINGS	40-47.4	N	111-53.9	W	01N	001W	25	0017529	42.
SALT LAKE	WASATCH HOT SPRINGS	40-47.4	N	111-53.99	W	01N	001W	25	0017530	40.5
SALT LAKE	YOUNG, K. W.	40-42.66	N	112- 2.04	W	01S	002W	23	0017495	21.
SALT LAKE	YOUNG, K. W.	40-42.66	N	112- 2.04	W	01S	002W	23	0017496	21.5
SAN JUAN	BLUFF IRR. CO.	37-17.23	N	109-32.82	W	40S	022E	30	0017617	20.
SAN JUAN	BUREAU OF INDIAN AFFAIRS 12R-173	37-20.64	N	109-12.2	W	40S	025E	05	0017210	20.0
SAN JUAN	BUREAU OF INDIAN AFFAIRS 12T-312	37-20.31	N	109-08.81	W	40S	025E	01	0017219	21.7
SAN JUAN	BUREAU OF INDIAN AFFAIRS 2A-104	37-05.	N	110-51.96	W	42S	009E	35	0017211	21.1
SAN JUAN	BUREAU OF INDIAN AFFAIRS 2A-111	37- 3.72	N	110-56.70	W	43S	009E	07	0017214	22.2
SAN JUAN	BUREAU OF INDIAN AFFAIRS 8A-229	37- 2.04	N	110- 7.08	W	43S	016E	23	0017215	21.1
SAN JUAN	BUREAU OF INDIAN AFFAIRS 8A-260	37- 1.20	N	109-42.96	W	43S	019E	29	0017216	22.2
SAN JUAN	BUREAU OF INDIAN AFFAIRS 8A-281	37- 8.16	N	110- 0.48	W	42S	017E	14	0017213	23.3
SAN JUAN	BUREAU OF INDIAN AFFAIRS 8A-293	37- 7.26	N	110-11.40	W	42S	006E	19	0017212	25.0
SAN JUAN	BUREAU OF INDIAN AFFAIRS 9Y-57	37- 0.36	N	109-24.78	W	43S	023E	32	0017217	20.0
SAN JUAN	BUREAU OF INDIAN AFFAIRS 12R-163	37-21.18	N	109- 4.14	W	39S	026E	33	0017209	22.7
SAN JUAN	NATIONAL PARK SERVICE	37-23.04	N	109- 4.02	W	39S	026E	21	0017616	21.
SAN JUAN	WARM SPRING	37-42.00	N	110-25.26	W	35S	014E	30	0017622	25.5
SANPETE	FDC IRR.	39-36.1	N	111-22.02	W	14S	005E	16	0017544	55.
SANPETE	LIVINGSTON WARM SPRING	39-14.75	N	111-38.7	W	18S	002E	13	0017387	Q 22.2
SANPETE	STERLING WARM SPRING	39-10.97	N	111-41.44	W	19S	002E	04	0017388	19.4
SANPETE	STERLING WARM SPRING	39-10.97	N	111-41.44	W	19S	002E	04	0017545	19.4
SEVIER	JOHNSON WARM SPRING	38-36.18	N	112-06.66	W	25S	003W	27	0017246	26.6
SEVIER	JOHNSON WARM SPRING	38-36.18	N	112-06.66	W	25S	003W	27	0017245	25.0
SEVIER	JOSEPH HOT SPRING	38-36.85	N	112-12.06	W	25S	004W	23	0017244	54.4
SEVIER	JOSEPH HOT SPRING	38-36.85	N	112-12.06	W	25S	004W	23	0017243	63.8
SEVIER	JOSEPH HOT SPRINGS	38-36.85	N	112-12.06	W	25S	004W	23	0017371	64.4
SEVIER	JOSEPH HOT SPRINGS	38-36.85	N	112-12.06	W	25S	004W	23	0017370	62.8
SEVIER	JOSEPH HOT SPRINGS	38-36.85	N	112-12.06	W	25S	004W	23	0000751	63.0
SEVIER	MECHAM, EDNA	38-37.26	N	112-11.82	W	25S	004W	13	0017543	20.
SEVIER	MONROE (COOPER) HOT SPRINGS	38-38.10	N	112-06.42	W	25S	003W	10	0017542	42.2
SEVIER	MONROE (COOPER) HOT SPRINGS	38-37.98	N	112- 6.42	W	25S	003W	10	0017242	76.1
SEVIER	MONROE (COOPER) HOT SPRINGS	38-38.04	N	112-10.02	W	25S	003W	10	0017241	76.0
SEVIER	MONROE (COOPER) HOT SPRINGS	38-37.94	N	112-06.38	W	25S	003W	15	0002965	61.0
SEVIER	MONROE (COOPER) HOT SPRINGS	38-37.94	N	112-06.40	W	25S	003W	15	0017247	36.1
SEVIER	MONROE (COOPER) HOT SPRINGS	38-37.94	N	112-06.40	W	25S	003W	15	0000749	70.0
SEVIER	RED HILL HOT SPRING	38-38.34	N	112-05.88	W	25S	003W	11	0002966	76.5
SEVIER	RED HILL HOT SPRING	38-38.34	N	112-05.88	W	25S	003W	11	0017248	Q 76.1
SEVIER	RED HILL HOT SPRINGS	38-38.34	N	112-05.88	W	25S	003W	11	0017541	76.7
SEVIER	RICHFIELD WARM SPRINGS	38-46.43	N	112-05.74	W	23S	003W	26	0017540	22.2
SEVIER	RICHFIELD WARM SPRINGS	38-46.43	N	112-05.74	W	23S	003W	26	0017539	20.
SEVIER	TOWN OF REDMOND	38-59.8	N	111-52.25	W	21S	001W	11	0017239	21.1
SUMMIT	UNNAMED SPRING	40-41.82	N	111-29.59	W	01S	004E	33	0017159	21.0
TOOELE	ASARCO	40-43.68	N	112-12.06	W	01S	003W	17	0017498	29.5
TOOELE	ASARCO	40-43.68	N	112-12.06	W	01S	003W	17	0017499	31.
TOOELE	BERTAGNOLE	40-47.88	N	112-48.60	W	01N	009W	24	0017194	23.9
TOOELE	BIG WARM SPRINGS	40-44.70	N	112-39.90	W	01S	007W	08,	0017351	18.3
TOOELE	BIG WARM SPRINGS	40-44.70	N	112-39.90	W	01S	007W	08,	0017350	
TOOELE	BIG WARM SPRINGS	40-44.70	N	112-39.90	W	01S	007W	08,	0017349	
TOOELE	BIG WARM SPRINGS	40-44.70	N	112-39.90	W	01S	007W	08,	0017344	
TOOELE	BIG WARM SPRINGS	40-44.70	N	112-39.90	W	01S	007W	08,	0017343	
TOOELE	BIG WARM SPRINGS	40-44.70	N	112-39.90	W	01S	007W	08,	0017348	

TOOELE	BIG WARM SPRINGS	40-44.70 N 112-39.90 W 01S 007W	08,	0017347	
TOOELE	BIG WARM SPRINGS	40-44.70 N 112-39.90 W 01S 007W	08,	0017346	
TOOELE	BIG WARM SPRINGS	40-44.70 N 112-39.90 W 01S 007W	08,	0017345	
TOOELE	BIG WARM SPRINGS	40-44.70 N 112-39.90 W 01S 007W	08,	0017342	
TOOELE	BLUE LAKE SPRING	40-30.12 N 114-02.28 W 04S 019W	06	0017293	29.
TOOELE	BONNEVILLE LTD DDW NO. 13	40-43.35 N 113-58.74 W 01S 019W	23	0017288	24.5
TOOELE	BONNEVILLE LTD. #13	40-46.32 N 113-57.86 W 01S 019W	02	0017397	24.5
TOOELE	BONNEVILLE LTD. #24	40-47.54 N 113-56.07 W 01N 018W	29	0017396	28.
TOOELE	BONNEVILLE LTD. NO. 5	40-45.60 N 113-59.48 W 01S 019W	10	0017286	31.
TOOELE	BONNEVILLE, LTD. DW NO. 8	40-41.83 N 113-59.51 W 01S 019W	34	0017289	28.
TOOELE	BUREAU OF LAND MANAGEMENT (KAISER FW20)	40-47.2 N 113-56.67 W 01N 018W	31	0017285	24.
TOOELE	BUREAU OF LAND MANAGEMENT (KAISER K65)	40-41.22 N 113-46.4 W 02S 017W	04	0017398	21.
TOOELE	CASSITY, E.	40-38.82 N 112-22.00 W 02S 005W	13	0017161	22.8
TOOELE	DAVIS, R.	40-10.26 N 112-25.5 W 07S 005W	32	0017227	20.0
TOOELE	DDW NO. 1	40-39.12 N 113-57.60 W 02S 019W	14	0017291	43.
TOOELE	DDW NO.3	40-38.28 N 113-57.24 W 02S 019W	24	0017292	88.
TOOELE	DESERET LIVESTOCK	40-32.22 N 112-44.82 W 03S 008W	21	0017205	23.9
TOOELE	DESERET LIVESTOCK SO.	40-33.9 N 112-44.5 W 03S 008W	10	0017206	22.7
TOOELE	DESERET LIVESTOCK SOUTH	40-33.33 N 112-44.34 W 03S 008W	15	0017204	21.7
TOOELE	GRANTSVILLE WARM SPRINGS	40-38.82 N 112-31.45 W 02S 006W	16	0017649	24.4
TOOELE	HAMMOND, C.	40-45.9 N 112-47.28 W 01S 008W	06	0017199	26.6
TOOELE	KAISER DDW 8	40-40.99 N 113-59.67 W 02S 019W	03	0017297	28.
TOOELE	KAISER DDW 9	40-41.94 N 113-58.56 W 01S 019W	35	0017296	30.
TOOELE	KAISER FW7A	40-45.82 N 113-58.98 W 01S 019W	03	0017295	24.
TOOELE	KAISER WELL DDW 7	40-41.83 N 113-59.51 W 01S 019W	34	0017290	28.
TOOELE	KENNECOTT COPPER CORP.	40-39.6 N 112-17.8 W 02S 004W	09	0017160	30.0
TOOELE	LEMMON, NELDO	40-36.1 N 112-24.30 W 02S 005W	34	0017162	22.7
TOOELE	MORGANS WARM SPRING	40-23.8 N 112-24.2 W 05S 005W	09	0017642	24.
TOOELE	MORGANS WARM SPRING	40-23.8 N 112-24.2 W 05S 005W	09	0017643	26.7
TOOELE	MORTENSEN, M.	40-35.82 N 112-24.36 W 02S 005W	34	0017163	21.1
TOOELE	NO. HORSESHOE	40-36.85 N 112-42.51 W 02S 008W	26	0017201	22.7
TOOELE	REDLUM	40-39.36 N 112-54.44 W 02S 009W	07	0017203	21.1
TOOELE	RUSSELLS WARM SPRING	40-23.40 N 112-25.44 W 05S 005W	17	0017644	21.7
TOOELE	SO. HORSESHOE	40-36.80 N 112-42.55 W 02S 008W	26	0017202	22.7
TOOELE	TOOELE CITY	40-31.16 N 112-19.80 W 03S 004W	32	0017166	21.7
TOOELE	UNNAMED	40-43.98 N 112-37.4 W 01S 007W	15	0017197	23.3
TOOELE	UNNAMED SPRING	40-37.4 N 112-42.1 W 02S 008W	24	0017200	22.2
TOOELE	UNNAMED SPRING	40-42.06 N 112-34.62 W 01S 007W	25	0017198	20.0
TOOELE	UTAH FISH AND GAME	40-44.6 N 111-38.3 W 01S 007W	09	0017195	22.2
TOOELE	WILSON HOT SPRINGS	39-54.39 N 113-25.80 W 10S 014W	33	0017464	60.5
TOOELE	WORTHINGTON, J. R.	40-37.62 N 112-30.1 W 02S 006W	23	0017165	20.
TOOELE	WORTHINGTON, J. R.	40-37.62 N 112-31.20 W 02S 006W	23	0017164	20.0
UINTAH	COMPOSITE AV1-9	40-22.14 N 109-24.60 W 05S 022E	23	0017179	
UINTAH	COMPOSITE AV2,3,4,5,7	40-21.96 N 109-25.08 W 05S 022E	23	0017180	49.0
UINTAH	COMPOSITE ER 1,2,4,5,6,8	40-21.66 N 109-24.33 W 05S 022E	26	0017178	50.0
UINTAH	COMPOSITE R: LACY 3 & 4	40-21.88 N 109-24.36 W 05S 022E	23	0017186	53.0
UINTAH	CRAIN, GRIFFITH, T. E. HALL 1#	40-21.90 N 109-24.96 W 05S 022E	23	0017185	50.0
UINTAH	GARNER #1 BOESCHE	40-19.92 N 109-16.74 W 06S 023E	01	0017553	43.5
UINTAH	GARNER #1 BOESCHE	40-19.92 N 109-16.74 W 06S 023E	01	0017554	46.
UINTAH	HALL, T. E. #5S	40-21.84 N 109-24.84 W 05S 022E	23	0017184	47.0
UINTAH	HOLLANDSWORTH AND TRAVIS	40-21.90 N 109-24.66 W 05S 022E	23	0017182	56.0
UINTAH	PAN AM PETROL	40-21.72 N 109-24.90 W 05S 022E	26	0017549	49.
UINTAH	PAN AM PETROL NO. 1 GENTRY	40-22.26 N 109-25.62 W 05S 022E	22	0017552	46.
UINTAH	PAN-AM PETROL ER-1	40-21.9 N 109-25.08 W 05S 022E	23	0017547	49.0
UINTAH	PAN-AM PETROL ER-10	40-21.90 N 109-25.60 W 05S 022E	22	0017546	44.5

UINTAH	POLUMBUS CORP NO. 1	40-21.72 N 109-23.10 W 05S 022E	24	0017183	45.0
UINTAH	SHAMROCK OIL & GAS CORP	39-52.53 N 109-15.27 W 11S 024E	08	0017571	26.
UINTAH	SHAMROCK OIL & GAS CORP.	39-52.53 N 109-15.27 W 11S 024E	08	0017570	26.5
UINTAH	SHAMROCK OIL & GAS CORP.	39-51.26 N 109-17.31 W 11S 023E	13	0017565	26.
UINTAH	SHELL OIL #1 STATE	40- 5.10 N 109-36.90 W 08S 020E	36	0017558	57.5
UINTAH	SHELL OIL #1 STATE	40-05.10 N 109-36.90 W 08S 020E	36	0017557	43.5
UINTAH	SPLIT MTN. WARM SPRING	40-27.90 N 109-13.26 W 04S 024E	16	0017555	30.
UINTAH	U.S. BUREAU OF LAND MANAGEMENT	39-42.42 N 109-48.42 W 13S 019E	08	0017905	20.0
UINTAH	UNION IRRIGATION	40-21.48 N 109-23.82 W 05S 022E	25	0017187	20.0
UINTAH	USBLM	39-52.47 N 109-16.58 W 11S 024E	07	0017568	26.5
UINTAH	USBLM	39-54.54 N 109-38.31 W 10S 020E	35	0017572	31.
UINTAH	USBLM	39-53.29 N 109-16.34 W 11S 024E	06	0017567	28.
UINTAH	USBLM	39-57.25 N 109-27.32 W 10S 022E	17	0017564	22.0
UINTAH	USBLM	39-53.29 N 109-16.34 W 11S 024E	06	0017566	28.5
UINTAH	USBLM	39-57.25 N 109-27.32 W 10S 022E	17	0017563	21.5
UINTAH	USBLM	39-52.47 N 109-16.58 W 11S 024E	07	0017569	26.5
UINTAH	WOSCO TEST HOLE	39-59.1 N 109-36.42 W 09S 020E	36	0017560	23.5
UINTAH	WOSCO TEST HOLE	39-59.1 N 109-36.42 W 09S 020E	36	0017559	27.5
UTAH	ALLEN, J. H.	40-04.68 N 111-58.46 W 08S 001W	32	0017129	20.0
UTAH	BARTHOLOMEW, ORAL	40-05.1 N 111-43.74 W 08S 002E	28	0017575	33.
UTAH	BARTHOLOMEW, ORAL	40-05.1 N 111-43.74 W 08S 002E	28	0017574	34.
UTAH	BIRD ISLAND	40-10.6 N 111-48.06 W 07S 001E	26	0017120	R 27.
UTAH	BOARD OF CANAL PRESIDENTS	40-21.2 N 111-54.1 W 05S 001W	25	0017149	23.9
UTAH	BOARD OF CANAL PRESIDENTS	40-21.6 N 111-53.9 W 05S 001W	25	0017150	22.2
UTAH	BURGIN MINE	39-57.0 N 112-02.7 W 10S 002W	15	0017119	54.4
UTAH	CASTILLA HOT SPRINGS	40-02.24 N 111-31.71 W 09S 004E	18	0017651	40.
UTAH	CHIPMAN, D.	40- 7.14 N 111-57.4 W 08S 001W	16	0017127	20.0
UTAH	COOP SECURITY	40-17.64 N 111-59.59 W 06S 001W	18	0017223	27.2
UTAH	CRATER HOT SPRING	40-21.18 N 111-53.70 W 05S 001W	25	0017157	41.6
UTAH	CRATER HOT SPRING	40-21.18 N 111-53.70 W 05S 001W	25	0017151	43.3
UTAH	CRATER HOT SPRINGS	40-21.18 N 111-53.70 W 05S 001W	25	0017355	41.6
UTAH	CRATER HOT SPRINGS	40-21.42 N 111-53.70 W 05S 001W	25	0017356	43.3
UTAH	DIAMOND FORK WARM SPRINGS	40-07.06 N 111-20.22 W 08S 005E	14	0017655	20.
UTAH	EASTMOND, F.	40-20.9 N 111-54.30 W 05S 001W	25	0017155	46.1
UTAH	ELBERTA	39-57.06 N 111-57.24 W 10S 001W	16	0017311	22.
UTAH	ELBERTA LAND & WATER CO.	39-55.08 N 111-56.16 W 10S 001W	28	0017131	20.0
UTAH	ENNIS, W. D.	40-21.84 N 111-53.40 W 05S 001W	24	0017148	21.1
UTAH	FAULT ZONE SPRING	40-19.9 N 111-53.3 W 06S 001W	01	0017913	32.2
UTAH	FITZGERALD, L. W.	40-06.01 N 111-58.20 W 08S 001W	20	0017128	20.0
UTAH	GOSHEN WARM SPRINGS	39-57.30 N 111-51.48 W 10S 001E	08	0017386	21.1
UTAH	GY A-4	40- 0.36 N 111-54.6 W 09S 001W	26	0017307	22.
UTAH	GY A-5	40-05.45 N 111-57.96 W 08S 001W	29	0017308	26.
UTAH	GY A-7	40-03.3 N 111-57.3 W 09S 001W	04	0017309	23.
UTAH	GY WARM	39-57.42 N 111-51.54 W 10S 001E	08	0017312	61.
UTAH	HALL, M.	40-06.9 N 111-43.6 W 08S 002E	16	0017126	20.0
UTAH	HANSEN, N.	40-05.70 N 111-43.86 W 08S 002E	29	0017122	20.0
UTAH	HERBERT, R. T.	40-05.0 N 111-43.8 W 08S 002E	33	0017124	31.7
UTAH	KOYLE, J.	40-03.42 N 111-37.74 W 09S 003E	05	0017125	20.0
UTAH	LATTER DAY SAINTS CHURCH, KEARNS STAKE	39-55.44 N 111-53.0 W 10S 001W	24	0017130	22.2
UTAH	LAZY S CATTLE CO.	39-54.5 N 111-57.4 W 10S 001W	29	0017132	22.2
UTAH	LAZY S CATTLE CO.	39-53.7 N 111-58.3 W 10S 001W	32	0017133	20.0
UTAH	LAZY S CATTLE CO., GY A-8	39-54.48 N 111-57.4 W 10S 001W	29	0017310	21.
UTAH	LINCOLN POINT WARM SPRINGS	40- 8.70 N 111-48.4 W 08S 001E	03	0017578	31.7
UTAH	LINCOLN POINT WARM SPRINGS	40- 8.70 N 111-48.3 W 08S 001E	02	0017143	30.5
UTAH	LINCOLN POINT WARM SPRINGS	40- 8.70 N 111-48.4 W 08S 001E	03	0017385	30.6

UTAH	REILLY TAR & CHEMICAL CO.	40-11.94	N	111-37.62	W	07S	003E	20	0017576	22.
UTAH	SARATOGA HOT SPRINGS	40-21.0	N	111-54.3	W	05S	001W	25	0017357	
UTAH	SHELLEY, S. J.	40-22.38	N	111-54.96	W	05S	001W	23	0017146	21.1
UTAH	SHIDA M.	40-21.4	N	111-55.08	W	05S	001W	26	0017156	30.0
UTAH	SUGARHOUSE STAKE LDS	40-21.30	N	111-54.30	W	05S	001W	25	0017573	35.
UTAH	SUGARHOUSE STAKE LDS CHURCH	40-21.2	N	111-54.1	W	05S	001W	25	0017152	35.0
UTAH	SUGARHOUSE STAKE LDS CHURCH	40-21.1	N	111-54.1	W	05S	001W	25	0017153	35.0
UTAH	THOMAS, M.	39-54.4	N	111-56.40	W	10S	001W	33	0017134	20.0
UTAH	U. S. STEEL	40-18.48	N	111-44.76	W	06S	002E	08	0017139	20.6
UTAH	U. S. STEEL	40-18.8	N	111-44.46	W	06S	002E	08	0017136	20.6
UTAH	U. S. STEEL	40-18.7	N	111-44.46	W	06S	002E	05	0017135	20.6
UTAH	U. S. STEEL	40-18.42	N	111-44.58	W	06S	002E	08	0017140	20.6
UTAH	U. S. STEEL	40-18.84	N	111-44.88	W	06S	002E	08	0017137	20.6
UTAH	U. S. STEEL	40-18.72	N	111-44.88	W	06S	002E	08	0017138	21.1
UTAH	UNNAMED	39-53.94	N	112-02.70	W	11S	002W	03	0017577	22.2
UTAH	V.Y. STAKE LDS CHURCH	40-21.8	N	111-53.5	W	05S	001W	24	0017147	22.7
UTAH	WARM SPRING	39-57.42	N	111-51.24	W	10S	001E	08	0017579	21.
UTAH	WARM SPRING, WEST SHORE OF UTAH LAKE	40-13.68	N	111-51.90	W	07S	001E	08	0017142	23.9
UTAH	WARM SPRING, WEST SHORE OF UTAH LAKE	40-14.04	N	111-51.96	W	07S	001E	05	0017141	25.0
UTAH	WILFORD STAKE LDS CHURCH	40-21.0	N	111-54.3	W	05S	001W	25	0017154	35.0
UTAH	WOOD SPRINGS	40-10.02	N	111-37.32	W	07S	003E	32	0017121	22.7
UTAH	YOUNG, K.	40-04.7	N	111-43.9	W	08S	002E	32	0017123	26.6
WASATCH	EUGENE PAYNE	40-31.53	N	111-28.08	W	03S	004E	26	0017467	39.
WASATCH	MIDWAY HOT SPRINGS	40-31.92	N	111-28.86	W	03S	004E	27	0017468	39.8
WASATCH	MIDWAY HOT SPRINGS	40-31.98	N	111-28.14	W	03S	004E	26	0017380	
WASATCH	MIDWAY HOT SPRINGS	40-31.5	N	111-29.2	W	03S	004E	27	0017474	28.
WASATCH	MIDWAY HOT SPRINGS	40-32.10	N	111-28.92	W	03S	004E	27	0017381	45.
WASATCH	MIDWAY HOT SPRINGS	40-31.5	N	111-28.2	W	03S	004E	27	0017471	30.
WASATCH	MIDWAY HOT SPRINGS	40-31.5	N	111-29.2	W	03S	004E	27	0017473	32.
WASATCH	MIDWAY HOT SPRINGS	40-31.5	N	111-29.2	W	03S	004E	27	0017472	29.
WASATCH	MIDWAY HOT SPRINGS	40-31.5	N	111-29.2	W	03S	004E	27	0017470	29.
WASATCH	MIDWAY HOT SPRINGS	40-31.5	N	111-29.2	W	03S	004E	27	0017469	29.
WASATCH	MIDWAY HOT SPRINGS	40-31.98	N	111-29.04	W	03S	004E	27	0017382	40.
WASHINGTON	ANDERSON RANCH	37-17.10	N	113-18.24	W	40S	013W	27	0017581	21.
WASHINGTON	BERRY SPRING	37-09.94	N	113-22.97	W	42S	014W	01	0017584	23.5
WASHINGTON	DIXIE SPRINGS FARM	37-08.5	N	113-22.4	W	42S	014W	12	0017587	20.
WASHINGTON	EARL, E.	37-07.22	N	113-35.52	W	42S	016W	24	0017597	21.
WASHINGTON	EMPEY, K.	37-05.82	N	113-34.32	W	42S	015W	30	0017595	22.
WASHINGTON	FANCETT, M.	37-07.92	N	113-25.	W	42S	014W	15	0017588	20.
WASHINGTON	GREEN SPRING	37-08.30	N	113-31.66	W	42S	015W	15	0017591	23.5
WASHINGTON	GREEN SPRING	37-08.30	N	113-31.63	W	42S	015W	15	0017592	21.
WASHINGTON	IRVINE SPRING	37-23.58	N	113-36.60	W	39S	016W	14	0017580	21.
WASHINGTON	JONES, E.	37- 1.74	N	113-37.50	W	43S	016W	22	0017599	21.
WASHINGTON	LA YERKIN HOT SPRING	37-11.40	N	113-16.30	W	42S	013W	25	0018072	41.8
WASHINGTON	LAYERKIN (DIXIE) HOT SPRING	37-11.4	N	113-16.1	W	41S	013W	25	0017110	
WASHINGTON	LAYERKIN (DIXIE) HOT SPRING	37-11.4	N	113-16.1	W	41S	013W	25	0017111	42.2
WASHINGTON	LAYERKIN (DIXIE) HOT SPRING	37-11.4	N	113-16.1	W	41S	013W	25	0017109	
WASHINGTON	LAYERKIN (DIXIE) HOT SPRINGS	37-11.4	N	113-16.1	W	41S	013W	25	0017379	37.7
WASHINGTON	LAYERKIN (DIXIE) HOT SPRINGS	37-11.4	N	113-16.1	W	41S	013W	25	0017377	
WASHINGTON	MYERS	37-08.25	N	113-30.73	W	42S	015W	14	0017112	20.0
WASHINGTON	NISSON D.	37- 7.74	N	113-29.8	W	42S	015W	14	0017590	20.
WASHINGTON	SCIMUTZ BROS.	37-04.9	N	113-31.9	W	42S	015W	33	0017596	21.
WASHINGTON	SEEGMILLER	37-03.6	N	113-31.26	W	43S	015W	10	0017598	20.5
WASHINGTON	SNOW SPRING	37-10.66	N	113-38.06	W	41S	016W	34	0017583	21.
WASHINGTON	STRINGHAM, E.	37- 6.00	N	113-34.9	W	42S	015W	30	0017594	22.

WASHINGTON	TULLIS, S.	37-41.0	N	113-34.38	W	36S	015W	07	0017116	30.6
WASHINGTON	UNNAMED SPRING	37-09.7	N	113-23.25	W	42S	014W	02	0017586	21.
WASHINGTON	UTAH STATE LAND BOARD	37-13.38	N	113-18.9	W	41S	013W	16	0017582	21.5
WASHINGTON	YEYO WARM SPRING	37-19.1	N	113-41.4	W	40S	016W	06	0017374	32.2
WASHINGTON	YEYO WARM SPRING	37-19.1	N	113-41.4	W	30S	016W	06	0017375	32.2
WASHINGTON	VIRGIN RIVER	37-09.44	N	113-23.94	W	42S	014W	02	0017585	21.
WASHINGTON	VIRGIN RIVER, UTAH	37-11.50	N	113-16.50	W	41S	013W	25	0018071	33.5
WASHINGTON	WARM SPRING	37-08.3	N	113-30.70	W	42S	015W	14	0017113	24.0
WASHINGTON	WARNER VALLEY	37-05.74	N	113-26.79	W	42S	014W	32	0017589	21.
WAYNE	BERT AVERY	38-15.97	N	110-49.71	W	29S	010E	21	0017207	23.0
WAYNE	COW WASH	38-13.6	N	110-44.3	W	30S	011E	05	0017914	21.0
WAYNE	GARKANE POWER	38-20.46	N	111-04.2	W	28S	008E	29	0017612	24.
WEBER	DEFRIES, L.	41-13.26	N	112-03.0	W	06N	002W	27	0017170	Q 20.0
WEBER	GEORGE EAST NO. 1	41-17.64	N	112-11.36	W	07N	003W	33	0017175	20.0
WEBER	GSLM & C CORP NO. 11	41-17.65	N	112-13.7	W	07N	003W	31	0017432	34.0
WEBER	GSLM & C CORP. NO. 10	41-18.0	N	112-13.3	W	07N	003W	31	0017438	34.
WEBER	GSLM & C CORP. NO. 12	41-18.07	N	112-13.18	W	07N	003W	31	0017436	34.
WEBER	GSLM & C CORP. NO. 13	41-18.06	N	112-13.0	W	07N	003W	32	0017441	34.
WEBER	GSLM & C CORP. NO. 14	41-18.3	N	112-13.38	W	07N	003W	31	0017167	39.0
WEBER	GSLM & C CORP. NO. 15	41-18.3	N	112-13.38	W	07N	003W	31	0017431	38.
WEBER	GSLM & C CORP. NO. 3	41-18.00	N	112-13.2	W	07N	003W	31	0017433	25.
WEBER	GSLM & C CORP. NO. 4	41-18.00	N	112-13.2	W	07N	003W	31	0017434	25.
WEBER	GSLM & C CORP. NO. 5	41-18.00	N	112-13.2	W	07N	003W	31	0017435	30.
WEBER	GSLM & C CORP. NO. 7	41-17.94	N	112-13.3	W	07N	003W	31	0017437	34.
WEBER	GSLM & C CORP. NO. 8	41-17.9	N	112-13.3	W	07N	003W	31	0017439	30.
WEBER	GSLM & C CORP. NO. 9	41-17.82	N	112-13.1	W	07N	003W	31	0017440	29.
WEBER	GSLM & C CORP. NO.6	41-18.18	N	112-13.3	W	07N	003W	31	0017168	
WEBER	JACOB, R. M.	41-16.4	N	112-10.08	W	06N	003W	10	0017426	22.
WEBER	JACOB, R. M.	41-16.82	N	112-13.05	W	06N	003W	05	0017425	25.
WEBER	MARGUARDT ACFT	41-14.98	N	112-12.84	W	06N	003W	19	0017427	22.
WEBER	OGDEN HOT SPRINGS	41-14.14	N	111-55.42	W	06N	001W	23	0017421	57.2
WEBER	OGDEN HOT SPRINGS	41-14.14	N	111-55.42	W	06N	001W	23	0017328	58.3
WEBER	OGDEN HOT SPRINGS	41-14.14	N	111-55.42	W	06N	001W	23	0017327	
WEBER	OGDEN HOT SPRINGS	41-14.14	N	111-55.42	W	06N	001W	23	0017329	
WEBER	PARKER, R. F.	41-10.50	N	112- 9.60	W	05N	003W	15	0017418	24.
WEBER	PATIO SPRING	41-19.68	N	111-49.56	W	07N	001E	22	0017654	20.
WEBER	PENMAN, E.	41-10.92	N	112-06.4	W	05N	002W	07	0017416	22.
WEBER	PREVEDEL, D.	41-12.42	N	112- 4.08	W	06N	002W	33	0017423	20.
WEBER	RHEAD, T. W.	41- 9.84	N	112-09.2	W	05N	003W	15	0017420	22.2
WEBER	RHEAD, T. W.	41- 9.84	N	112-09.2	W	05N	003W	15	0017419	24.
WEBER	RICHARDS, H.	41- 9.24	N	112-18.84	W	05N	004W	21	0017169	Q 20.0
WEBER	STRATFORD, G. E.	41-13.20	N	112- 1.44	W	06N	002W	25	0017171	20.0
WEBER	UTAH BY PRODUCTS	41-13.50	N	111-59.15	W	06N	001W	29	0017422	24.0
WEBER	UTAH HOT SPRINGS	41-20.32	N	112-01.86	W	07N	002W	14	0017331	
WEBER	UTAH HOT SPRINGS	41-20.32	N	112-01.86	W	07N	002W	14	0017333	57.2
WEBER	UTAH HOT SPRINGS	41-20.32	N	112-01.86	W	07N	002W	14	0017332	
WEBER	UTAH HOT SPRINGS	41-20.32	N	112-01.86	W	07N	002W	14	0017330	
WEBER	WASHINGTON TRCE	41- 9.96	N	111-59.10	W	05N	001W	17	0017413	21.
WEBER	WBWCD RIVERDALE	41-10.5	N	111-59.76	W	05N	001W	18	0017414	21.

APPENDIX B

Index to GEOTHERM sample file for the state of Utah sorted by county, township (TNS), range (RNG), and section (Sect.) Also given are the name of source, GEOTHERM record identifier (I.D.), and temperature (Temp. °C). See Table 1 for explanation of alphabetic qualifiers preceding temperature.

County	TNS	RNG	Sect.	Name of Source	I.D.	Temp.
BEAVER				THERMO HOT SPRINGS	0000739	89.5
BEAVER				ROOSEVELT HOT SPRING	0000735	55.0
BEAVER				PHILLIPS 3-1 - PHILLIPS PETROLEUM CO.	0016688	Q 205.
BEAVER	?	012W	28	THERMO HOT SPRINGS	0017373	
BEAVER	26S	006W	07	SULFERDALE	0017306	22.
BEAVER	26S	009W	34	MCKEAN, P. B. (ROOSEVELT)	0017444	56.
BEAVER	26S	009W	34	MCKEAN, P. B. (ROOSEVELT)	0017443	Q 85.
BEAVER	26S	009W	34	SALT	0017442	24.5
BEAVER	27S	009W	03	PHILLIPS 54-3	0016691	
BEAVER	27S	009W	03	PHILLIPS 54-3	0016690	Q 260.
BEAVER	27S	009W	07	MCKEAN, P.B. (ROOSEVELT)	0017026	99.
BEAVER	27S	009W	09	PHILLIPS 9-1 - PHILLIPS PETROLEUM CO.	0016689	30.
BEAVER	27S	009W	16	STEAM WELL	0017446	133.
BEAVER	27S	010W	31	SULLIVAN LAND & LIVESTOCK	0017445	27.
BEAVER	28S	010W	05	SP, LA&SR RR	0017013	21.7
BEAVER	28S	010W	05	A. W. WINBERG	0017015	20.0
BEAVER	28S	010W	05	E. TANNER	0017014	21.7
BEAVER	28S	010W	07	TOWN, MILFORD	0017027	25.5
BEAVER	28S	010W	14	HANSON LAND & LIVESTOCK	0017447	20.5
BEAVER	28S	010W	18	GOODWIN, G. C.	0017448	21.
BEAVER	28S	010W	18	MILFORD TOWN	0017012	22.2
BEAVER	28S	010W	18	MILFORD TOWN	0017011	22.2
BEAVER	28S	010W	18	MCCAULEY, JO	0017010	20.0
BEAVER	28S	010W	18	LEWIS, A.B.	0017009	26.6
BEAVER	28S	010W	18	LEWIS, A.B.	0017008	26.6
BEAVER	28S	010W	18	FORGIE, J.	0017007	25.6
BEAVER	28S	010W	19	WALKER, T. E.	0017449	25.5
BEAVER	28S	012W	29	WOODHOUSE	0017450	22.
BEAVER	28S	014W	11	EARTH SCIENCES, INC.	0017193	24.5
BEAVER	29S	008W	25	GREENVILLE SCHOOL	0017235	20.0
BEAVER	29S	008W	25	GREENVILLE WARD LDS CHURCH	0017232	20.0
BEAVER	29S	008W	36	BARTON, S. R.	0017234	23.3
BEAVER	29S	009W	19	UNNAMED SPRING	0017022	28.0
BEAVER	29S	009W	36	MINERSVILLE RES.& IRR. CO.	0017233	21.1
BEAVER	30S	009W	07	DOTSONS (RADIUM)	0017021	31.7
BEAVER	30S	009W	07	DOTSONS (RADIUM)	0017020	36.1
BEAVER	30S	009W	07	DOTSONS (RADIUM)	0017451	32.5
BEAVER	30S	009W	07	TOWN OF MINERSVILLE	0017453	33.5
BEAVER	30S	009W	07	DOTSONS (RADIUM)	0017452	31.5
BEAVER	30S	009W	09	US BLM	0017454	33.
BEAVER	30S	009W	31	WILLOW	0017455	21.5
BEAVER	30S	010W	19	NEB CRAW	0017456	21.
BEAVER	30S	010W	19	NEB CRAW	0017457	21.
BEAVER	30S	011W	22	US BLM	0017458	22.5
BEAVER	30S	012W	21	THERMO HOT SPRINGS	0017459	85.

BEAVER	30S	012W	21	THERMO HOT SRPINGS	0017006	Q 76.6
BEAVER	30S	012W	21	THERMO HOT SPRINGS	0017372	
BEAVER	30S	012W	28	U.S. BUREAU OF LAND MANAGEMENT, THERMO	0017023	Q 75.0
BEAVER	30S	012W	28	THERMO HOT SPRINGS	0017024	60.0
BEAVER	30S	012W	28	THERMO HOT SPRINGS	0017025	60.0
BEAVER	30S	012W	28	THERMO HOT SPRINGS	0017460	82.5
BEAVER	30S	012W	28	THERMO HOT SPRINGS	0017461	78.
BEAVER	30S	012W	28	THERMO HOT SPRING	0002961	89.5
BEAVER	30S	012W	38	THERMO HOT SPRINGS	0017462	76.5
BOX ELDER	05N	013W	31	L. W. KELLER CORP. WELL #2	0017650	22.
BOX ELDER	06N	005W	21	COMPTON	0017225	21.0
BOX ELDER	06N	005W	21	COMPTON SPRING	0017637	21.5
BOX ELDER	07N	002W	10	WELLS & LARKIN	0017428	24.
BOX ELDER	07N	002W	14	UTAH HOT SPRINGS	0017334	58.3
BOX ELDER	07N	002W	16	LDS CHURCH	0017429	24.
BOX ELDER	07N	002W	16	PENTON, R. G.	0017430	25.
BOX ELDER	07N	005W	15	UNNAMED SPRING	0017638	25.
BOX ELDER	08N	002W	21	WILLARD BAY GUN CLUB	0017395	20.
BOX ELDER	08N	005W	05	POULSEN, V. S.	0017226	20.0
BOX ELDER	08N	005W	05	POULSEN, V. S.	0017639	22.
BOX ELDER	09N	003W	27	CHESAPEAKE DUCK CLUB	0017075	42.0
BOX ELDER	09N	003W	27	CHESAPEAKE DUCK CLUB	0017074	74.0
BOX ELDER	10N	002W	16	DAVIS I	0017073	107.
BOX ELDER	10N	003W	04	JEPPEPERSON	0017389	25.0
BOX ELDER	10N	003W	30	STINKING HOT SPRINGS	0017390	48.
BOX ELDER	10N	003W	30	STINKING HOT SPRINGS	0017338	
BOX ELDER	10N	003W	30	STINKING HOT SPRINGS	0017337	51.1
BOX ELDER	10N	003W	30	STINKING HOT SPRINGS	0017336	51.1
BOX ELDER	10N	003W	30	STINKING HOT SPRINGS	0017391	47.5
BOX ELDER	10N	003W	30	STINKING HOT SPRINGS	0017335	
BOX ELDER	10N	003W	33	ANDERSON, L.	0017080	28.0
BOX ELDER	10N	004W	23	UNNAMED SPRING	0017076	24.5
BOX ELDER	10N	004W	23	UNNAMED SPRING	0017077	26.0
BOX ELDER	10N	004W	24	LITTLE MOUNTAIN WARM SPRING	0017079	42.
BOX ELDER	10N	006W	09	NATIONAL PARK SERVICE	0017640	22.5
BOX ELDER	10N	006W	09	NATIONAL PARK SERVICE	0017641	21.5
BOX ELDER	10N	015W	06	WARM SPRING #2	0017629	20.
BOX ELDER	10N	018W	21	TANNER, MERLIN	0017236	20.0
BOX ELDER	10N	018W	30	KIMBER (ROSE) SPRING	0017466	20.
BOX ELDER	10N	018W	33	KIMBER, B. C.	0017237	20.0
BOX ELDER	10S	004W	24	LITTLE MOUNTAIN WARM SPRING	0017078	42.0
BOX ELDER	11N	002W	29	CRYSTAL (MADSENS) HOT SPRING	0017081	53.5
BOX ELDER	11N	002W	29	CRYSTAL (MADSENS)HOT SPRING	0017341	
BOX ELDER	11N	002W	29	CRYSTAL (MADSENS)HOT SPRING	0017340	51.1
BOX ELDER	11N	002W	29	CRYSTAL (MADSENS)HOT SPRING	0017339	
BOX ELDER	11N	002W	29	CRYSTAL (MADSENS) HOT SPRING	0017082	55.5
BOX ELDER	11N	004W	34	UNNAMED SPRING	0017083	21.0
BOX ELDER	11N	004W	34	UNNAMED SPRING	0017084	22.0
BOX ELDER	11N	019W	11	WARBURTON, M.	0017238	42.0
BOX ELDER	12N	003W	15	KING, L.	0017071	20.0
BOX ELDER	12N	005W	22	TOWN OF HOWELL	0017228	Q 20.0
BOX ELDER	12N	006W	33	UNNAMED SPRING	0017600	Q 20.5
BOX ELDER	12N	015W	19	WARM SPRING 1	0017630	26.5

BOX ELDER 13N 002W	27	CUTLER WARM SPRING	0017392	23.
BOX ELDER 13N 003W	11	TOWN OF PLYMOUTH	0017085	29.0
BOX ELDER 13N 003W	23	UDY HOT SPRINGS (INDIAN POOL)	0017087	43.0
BOX ELDER 13N 003W	23	UDY HOT SPRINGS (RIVER POOLS)	0017086	46.0
BOX ELDER 13N 003W	23	UDY HOT SPRINGS	0017072	43.0
BOX ELDER 13N 003W	23	UDY HOT SPRINGS (MORNING GLORY POOL)	0017393	51.
BOX ELDER 13N 003W	23	UDY HOT SPRINGS	0017394	43.
BOX ELDER 13N 005W	29	BLUE CREEK SPRINGS	0017602	28.
BOX ELDER 13N 005W	29	BLUE CREEK SPRINGS	0017601	26.5
BOX ELDER 13N 005W	31	NESSEN, L. D.	0017603	20.5
BOX ELDER 13N 012W	30	CARTER, L. G.	0017399	25.
BOX ELDER 13N 012W	30	CARTER, L. G.	0017631	25.
BOX ELDER 13N 013W	27	LARSON, C. D.	0017632	21.
BOX ELDER 13N 013W	34	CARTER, W. R.	0017633	21.
BOX ELDER 13N 013W	35	RICHARDSON, E. M.	0017634	23.
BOX ELDER 13N 014W	24	PUGSLEY, R. R.	0017635	23.
BOX ELDER 13N 016W	23	HEAD SPRING	0017636	21.
BOX ELDER 14N 006W	09	STOKES, DELORIS	0017604	20.5
BOX ELDER 14N 009W	04	HANNA, GARY	0017277	20.5
BOX ELDER 14N 009W	04	TAYLOR, C.	0017276	22.
BOX ELDER 14N 010W	33	COYOTE WARM SPRING	0017278	43.
BOX ELDER 14N 010W	33	COYOTE WARM SPRING	0017279	43.5
BOX ELDER 15N 006W	34	TOLMAN, R. W.	0017605	20.5
BOX ELDER 15N 009W	28	LEE, J. E.	0017281	24.
BOX ELDER 15N 009W	28	LEE, J. E.	0017280	
BOX ELDER 15N 009W	29	TAYLOR, C.	0017282	20.
BOX ELDER 15N 009W	31	TAYLOR, E.	0017283	21.5
BOX ELDER 15N 009W	31	TAYLOR, E.	0017284	16.
CACHE	12N 001E	16 TAYLOR, C. WELL	0017091	22.0
CACHE	12N 001E	16 BODRERO, D. WELL	0017090	20.0
CACHE	12N 001E	16 BENSON IRRIGATION COMPANY WELL	0017088	54.9
CACHE	12N 001E	16 BENSON IRRIGATION COMPANY WELL	0017089	21.0
CACHE	12N 001E	17 BENSON IRRIGATION COMPANY WELL	0017092	21.0
CACHE	12N 001E	20 WENNERGREN, C. WELL	0017095	23.0
CACHE	12N 001E	20 WENNERGREN, C. WELL	0017094	24.0
CACHE	12N 001E	20 WENNERGREN, C. WELL	0017093	23.0
CACHE	12N 001E	21 BECKSTEAD, A.A. WELL	0017096	24.0
CACHE	12N 001E	21 PEART, W. WELL	0017097	25.0
CACHE	12N 001E	22 SEARS, F. WELL	0017098	27.0
CACHE	12N 001E	27 STETLER, F. WELL	0017099	26.0
CACHE	12N 001E	28 LISONBEE, C. WELL	0017104	21.0
CACHE	12N 001E	28 LOGANA PLUNGE WELL	0017101	25.0
CACHE	12N 001E	28 LOGANA PLUNGE WELL	0017100	24.0
CACHE	12N 001E	28 KEARL, L. WELL	0017103	21.0
CACHE	12N 001E	28 LDS WELFARE FARM WELL	0017102	23.0
CACHE	12N 001E	29 GOSSNER, E. WELL	0017106	20.0
CACHE	12N 001E	29 GOSSNER CHEESE WELL	0017105	23.0
CACHE	12N 001W	02 CRONQUIST, H.C. WELL	0017607	21.
CACHE	12N 001W	10 NUTTALL, J.L. WELL	0017107	21.0
CACHE	13N 001E	19 CACHE VALLEY DAIRY WELL	0017606	21.
CACHE	13N 001W	10 BROWN, N. WELL	0017608	49.
CACHE	13N 001W	25 TOOMBS, W.W. WELL	0017609	28.
CACHE	13N 001W	25 TOOMBS, W.W. WELL	0017610	28.

CACHE	13N	001W	27	SEAMONS, N.B. WELL	0017108	23.0
CACHE	14N	001W	33	GANCHEFF, D.J. SPRING	0017611	31.
DAVIS	02N	001W	26	THALMAN, F. WELL	0017172	Q 20.0
DAVIS	02N	001W	27	THALMAN, A. WELL	0017912	20.0
DAVIS	03N	001W	04	ROUECHE, L. WELL	0017400	20.
DAVIS	03N	001W	05	SMITH, C.D. WELL	0017401	24.
DAVIS	03N	001W	09	HARRIS, W. WELL	0017402	20.0
DAVIS	03N	001W	15	CEN. DAVIS CO. SD WELL	0017403	22.
DAVIS	03N	001W	15	CEN. DAVIS CO. SD WELL	0017404	24.
DAVIS	03N	001W	27	WHEELER MACH. CO. WELL	0017405	21.0
DAVIS	03N	001W	35	FARMINGTON BAY REFUGE WELL	0017407	29.
DAVIS	03N	001W	35	FARMINGTON BAY REFUGE WELL	0017406	33.
DAVIS	04N	001W	06	HILL AFB WELL NO. 5	0017408	Q 22.
DAVIS	04N	003W	19	GSL AUTHORITY WELL	0017411	23.
DAVIS	04N	003W	19	GSL AUTHORITY WELL	0017410	24.
DAVIS	04N	003W	19	GSL AUTHORITY WELL	0017412	21.
DAVIS	04N	003W	19	GSL AUTHORITY WELL	0017409	24.0
DAVIS	05N	001W		HILL AFB WELL NO. 2	0017174	Q 20.0
DAVIS	05N	002W	05	HAWKES, C.C. WELL	0017415	22.
DAVIS	05N	003W	11	BYINGTON, H. J.	0017417	20.
DAVIS	05N	003W	27	HOOPER HOT SPRINGS	0017321	60.
DAVIS	05N	003W	27	HOOPER HOT SPRINGS	0017324	54.4
DAVIS	05N	003W	27	HOOPER HOT SPRINGS	0017176	60.
DAVIS	05N	003W	27	HOOPER HOT SPRINGS	0017325	47.8
DAVIS	05N	003W	28	SOUTHWEST HOOPER WARM SPRINGS	0000741	32.2
DAVIS	06N	003W	04	WAYMENT, E.J. WELL	0017424	21.
DUCHESNE	01N	008W	30	WARM SPRING	0017556	26.
EMERY	18S	014E	09	ROADSIDE GEYSER - WATER WELL	0017218	27.8
GARFIELD	31S	009E	17	DEAD COWS SPRING	0017208	25.0
GARFIELD	33S	005W	16	TEBBS SPRING	0017538	Q 20.
GARFIELD	33S	005W	17	LAFEVRE'S SPRING	0017537	R 29.
GARFIELD	33S	013E	05	UPPER HOG SPRING	0017627	31.
GARFIELD	35S	009E	13	THOMPSON SEEP	0017618	21.
GARFIELD	35S	010E	20	SALT SPRING	0017619	20.
GARFIELD	35S	010E	21	SALERATUS SPRING	0017620	Q 20.
GARFIELD	35S	011E	16	SHITAMARING MINE WELL	0017615	21.
GARFIELD	35S	011E	16	SHITAMARING MINE WELL	0017614	20.
GARFIELD	35S	011E	21	SHITAMARING SPRING	0017621	22.
GARFIELD	35S	012E	27	TIC A BOO SPRING	0017625	28.
GARFIELD	36S	011E	06	HONEY POT SPRING	0017623	23.
GARFIELD	36S	011E	32	MILL RACE SPRING	0017624	25.
GARFIELD	36S	012E	08	MULE SPRING	0017626	23.
IRON	31S	009W	03	BIG MAPLE SPRING	0017463	21.
IRON	32S	008W	12	BUCKHORN CORP.	0017220	20.0
IRON	34S	012W	36	JONES, L. C. WELL	0017221	20.0
IRON	34S	016W	18	DE ARMAND #1 WELL	0017114	145.
IRON	36S	015W	04	COLUMBIA IRON WELL	0017115	20.0
IRON	36S	015W	18	PICKERELL, V. OBSERVATION WELL	0017117	23.3
IRON	36S	015W	20	CHRISTENSEN BROS WATER WELL	0017118	Q 95.5
IRON	37S	012W	11	VANDEBURGE G.	0017628	21.
IRON	37S	012W	11	VANDEBURGE G.	0017222	21.1
JUAB	11S	014W	23	FISH SPRINGS	0017465	27.8
JUAB	12S	001W	12	LUNT R.	0017224	20.
JUAB	14S	008W	10	BAKER (ABRAHAM OR CRATER) HOT SPRINGS	0000745	Q 82.2

JUAB	14S 008W	10	BAKER (ABRAHAM OR CRATER) HOT SPRINGS	0017358	
JUAB	14S 008W	10	BAKER (ABRAHAM OR CRATER) HOT SPRINGS	0002963	Q 82.2
JUAB	14S 008W	10	BAKER (ABRAHAM OR CRATER) HOT SPRINGS	0017536	Q 82.2
MILLARD			MEADOW HOT SPRINGS	0000747	41.0
MILLARD	15S 005W	33	DMAD IRR	0017249	21.1
MILLARD	15S 005W	33	DMAD IRR	0017250	21.7
MILLARD	15S 019W	31	WARM SPRINGS	0017911	27.2
MILLARD	15S 019W	31	GANDY WARM SPRING	0017910	28.
MILLARD	15S 019W	31	GANDY WARM SPRINGS	0017646	26.5
MILLARD	15S 019W	31	GANDY WARM SPRINGS	0017645	27.
MILLARD	16S 005W	18	DMAD IRR	0017251	20.
MILLARD	16S 005W	19	DMAD IRR	0017252	20.
MILLARD	16S 005W	19	DMAD IRR	0017253	20.
MILLARD	16S 007W	23	HANSEN, D. L.	0017004	21.7
MILLARD	16S 007W	24	JONES, J. R.	0017254	23.3
MILLARD	16S 007W	24	JONES, J. R.	0017255	22.7
MILLARD	16S 008W	12	PECK, L. C.	0017256	26.6
MILLARD	16S 008W	21	ELLSWORTH, L. B.	0017005	24.4
MILLARD	16S 008W	21	ELLSWORTH, L. B.	0017274	28.9
MILLARD	16S 008W	26	GOLDEN HARVEY IRR	0017258	
MILLARD	16S 008W	26	GOLDEN HARVEY IRR	0017257	26.6
MILLARD	16S 015W	13	COYOTE SPRING	0017029	28.0
MILLARD	16S 015W	13	COYOTE SPRING	0017028	28.0
MILLARD	16S 015W	26	UNNAMED SPRING	0017030	24.5
MILLARD	16S 015W	34	WILLOW SPRING	0017039	19.5
MILLARD	16S 018W	09	FOOTES RANCH	0017231	20.0
MILLARD	16S 018W	22	TWIN SPRINGS	0017229	20.0
MILLARD	17S 006W	17	GARDNER, J. F. AND R. M.	0017259	27.8
MILLARD	17S 006W	18	MOODY, R. D.	0017260	26.1
MILLARD	17S 006W	21	LARSEN, T.	0017261	20.6
MILLARD	17S 006W	26	ELLSWORTH, L. B.	0017262	75.
MILLARD	17S 006W	28	THEOBALD, P.	0017263	25.
MILLARD	17S 006W	33	ROSS, C. K.	0017264	20.
MILLARD	17S 007W	01	TOWN OF DELTA	0017265	26.6
MILLARD	17S 007W	01	TOWN OF DELTA	0017266	26.6
MILLARD	17S 007W	22	CRAFTS, D.	0017267	20.6
MILLARD	17S 007W	34	PETERSON, G. M.	0017268	21.7
MILLARD	17S 015W	10	TULE SPRING GROUP	0017034	27.0
MILLARD	17S 015W	10	UNNAMED SPRING	0017031	27.5
MILLARD	17S 015W	10	TULE SPRING GROUP	0017035	27.0
MILLARD	17S 015W	10	TULE, N.	0017033	28.0
MILLARD	17S 015W	10	UNNAMED SPRING	0017032	27.5
MILLARD	17S 015W	15	TULE, S.	0017036	25.0
MILLARD	17S 015W	25	UNNAMED WELL	0017038	31.0
MILLARD	17S 015W	25	UNNAMED SPRING	0017037	27.0
MILLARD	17S 016W	28	SKUNK SPRING	0017040	16.0
MILLARD	18S 005W	06	UNION PACIFIC	0017001	21.1
MILLARD	18S 006W		HART, C. D.	0017002	21.7
MILLARD	18S 008W	24	ROBISON, W.	0017003	25.6
MILLARD	18S 018W	16	KNOLL SPRINGS	0017230	21.4
MILLARD	18S 019W	20	HILL, J. D.	0017647	22.
MILLARD	18S 019W	28	HILL, J. D.	0017648	22.
MILLARD	19S 005W	21	BADGER, F.	0017189	22.2
MILLARD	19S 005W	31	U.S. BUREAU OF LAND MANAGEMENT	0017190	29.4

MILLARD	20S	005W	21	WILSON, E. V.	0017191	20.0
MILLARD	20S	005W	32	CHRISTENSEN BROS.	0017192	22.2
MILLARD	20S	005W	32	MCBRIDE, N.	0017900	20.0
MILLARD	20S	008W		NEEL RR	0017018	
MILLARD	20S	008W	29	NEEL RR	0017017	
MILLARD	20S	008W	29	NEEL RR	0017019	Q
MILLARD	21S	005W	30	UTLEY AND STARLEY	0017901	20.0
MILLARD	21S	006W	09	PAXTON W.A.	0017902	20.6
MILLARD	22S	006W	25	UNNAMED SPRING	0017909	22.0
MILLARD	22S	006W	25	MEADOW, E.	0017302	24.
MILLARD	22S	006W	26	MEADOW HOT SPRINGS	0017360	
MILLARD	22S	006W	26	MEADOW HOT SPRINGS	0017359	35.
MILLARD	22S	006W	27	MEADOW HOT SPRINGS	0017361	32.2
MILLARD	22S	006W	27	MEADOW HOT SPRINGS	0017533	30.
MILLARD	22S	006W	27	WARM SPRING	0017904	35.0
MILLARD	22S	006W	27	MEADOW HOT SPRINGS	0017534	41.
MILLARD	22S	006W	27	MEADOW HOT SPRINGS	0017301	33.
MILLARD	22S	006W	34	DEVILS RIDGE SPRING	0017906	18.0
MILLARD	22S	006W	35	HATTON HOT SPRINGS	0017903	30.0
MILLARD	22S	006W	35	HATTON HOT SPRINGS	0017907	36.0
MILLARD	22S	006W	35	HATTON HOT SPRINGS	0017362	37.7
MILLARD	22S	006W	35	HATTON HOT SPRINGS	0017363	
MILLARD	22S	006W	35	UNNAMED WELL	0017535	67.
MILLARD	22S	014W	01	IBEX 108	0017041	16.5
MILLARD	23S	008W	23	TWIN PEAKS	0017303	31.
MILLARD	23S	009W	33	COYOTE N.	0017304	20.
MILLARD	24S	009W	04	COYOTE S.	0017305	20.
MILLARD				COVE FORT - SULPHURDALE	0000737	
				& BEAVER		
MORGAN	04N	003E	31	COMO WARM SPRINGS	0017652	26.7
MORGAN	04N	003W	31	COMO WARM SPRING	0017653	25.
SALT LAKE	01N	001W	05	GILLMORE, C. F. & E. L.	0017475	28.5
SALT LAKE	01N	001W	05	GILLMORE, C. F. & E. L.	0017476	
SALT LAKE	01N	001W	06	RUDY GUN CLUB	0017477	22.
SALT LAKE	01N	001W	14	BECKS HOT SPRING	0017314	
SALT LAKE	01N	001W	14	BECKS HOT SPRING	0017315	
SALT LAKE	01N	001W	14	BECKS HOT SPRING	0017316	
SALT LAKE	01N	001W	14	BECKS HOT SPRING	0017300	55.
SALT LAKE	01N	001W	14	BECKS HOT SPRING	0017313	
SALT LAKE	01N	001W	14	BECKS HOT SPRING	0017528	55.5
SALT LAKE	01N	001W	14	BECKS HOT SPRING	0017527	54.4
SALT LAKE	01N	001W	18	STATE OF UTAH	0017044	20.0
SALT LAKE	01N	001W	19	JEREMY, E. J.	0017480	23.
SALT LAKE	01N	001W	19	JEREMY, E. J.	0017478	22.5
SALT LAKE	01N	001W	19	JEREMY, E. J.	0017479	20.
SALT LAKE	01N	001W	19	JEREMY, E. J.	0017481	24.4
SALT LAKE	01N	001W	23	SOL	0017506	30.5
SALT LAKE	01N	001W	25	WASATCH HOT SPRINGS	0017317	
SALT LAKE	01N	001W	25	WASATCH HOT SPRINGS	0017320	
SALT LAKE	01N	001W	25	WASATCH HOT SPRINGS	0017319	
SALT LAKE	01N	001W	25	WASATCH HOT SPRINGS	0017318	
SALT LAKE	01N	001W	25	WASATCH HOT SPRINGS	0017529	42.
SALT LAKE	01N	001W	25	WASATCH HOT SPRINGS	0017530	40.5
SALT LAKE	01N	001W	28	GRANGER HUNTER IMPROVEMENT DIST.	0017045	21.1

SALT LAKE 01N 002W 02	IRVINE, R. L.	0017059	26.1
SALT LAKE 01N 002W 02	IRVINE, R. L.	0017063	20.0
SALT LAKE 01N 002W 02	IRVINE, R. L.	0017060	26.6
SALT LAKE 01N 002W 16	BONNEVILLE-ON-THE HILL	0017508	24.
SALT LAKE 01N 002W 21	BONNEVILLE-ON-THE HILL	0017509	22.
SALT LAKE 01N 002W 21	BONNEVILLE-ON-THE HILL	0017510	20.
SALT LAKE 01N 002W 21	BONNEVILLE-ON-THE HILL	0017511	24.
SALT LAKE 01N 002W 21	BONNEVILLE-ON-THE HILL	0017513	22.7
SALT LAKE 01N 002W 21	BONNEVILLE-ON-THE HILL	0017512	23.
SALT LAKE 01N 002W 22	BONNEVILLE-ON-THE-HILL	0017514	23.
SALT LAKE 01N 002W 25	UNNAMED SPRING	0017497	29.
SALT LAKE 01N 002W 25	GILLMORE, C. F.	0017065	25.
SALT LAKE 01N 002W 25	GILLMORE, C. F.	0017064	25.0
SALT LAKE 01N 002W 27	BONNEVILLE-ON-THE HILL	0017515	25.
SALT LAKE 01N 002W 36	JEREMY, E. J.	0017482	28.5
SALT LAKE 01N 002W 36	JEREMY, E. J.	0017483	28.
SALT LAKE 01N 002W 36	JEREMY E.J.	0017061	Q 27.2
SALT LAKE 01N 003W 34	MORTON SALT	0017043	26.1
SALT LAKE 01N 003W 34	MORTON SALT	0017484	25.5
SALT LAKE 01S 001E 19	SCHMIDT, M.	0017526	25.5
SALT LAKE 01S 001W 18	SUDBURY, L. W.	0017489	22.
SALT LAKE 01S 001W 18	SUDBURY, L. W.	0017488	21.5
SALT LAKE 01S 001W 18	SUDBURY, L. W.	0017487	22.
SALT LAKE 01S 001W 18	SUDBURY, S. A.	0017501	20.5
SALT LAKE 01S 001W 18	SUDBURY, S. A.	0017500	20.6
SALT LAKE 01S 001W 19	KENNECOTT COPPER	0017062	Q 24.4
SALT LAKE 01S 001W 20	GRANGER-HUNTER IMPROVEMENT DIST.	0017507	23.3
SALT LAKE 01S 001W 27	GRANGER-HUNTER IMPROVEMENT DIST.	0017490	21.
SALT LAKE 01S 001W 35	SALT LAKE CO. WATER CONSERV. DIST.	0017491	21.
SALT LAKE 01S 001W 35	SALT LAKE CO. WATER CONSERV. DIST.	0017492	22.8
SALT LAKE 01S 002W 01	UTAH POWER AND LIGHT CO.	0017067	20.0
SALT LAKE 01S 002W 01	BONNEVILLE-ON-THE HILL	0017521	26.
SALT LAKE 01S 002W 02	BONNEVILLE-ON-THE HILL	0017516	24.4
SALT LAKE 01S 002W 02	BONNEVILLE-ON-THE HILL	0017522	26.6
SALT LAKE 01S 002W 06	MORTON SALT	0017046	21.1
SALT LAKE 01S 002W 06	MORTON SALT	0017047	22.2
SALT LAKE 01S 002W 06	MORTON SALT CO.	0017523	22.
SALT LAKE 01S 002W 12	FOX, L.	0017048	21.7
SALT LAKE 01S 002W 12	LDS CHURCH PIONEER STAKE	0017050	21.7
SALT LAKE 01S 002W 17	KENNECOTT COPPER	0017520	21.
SALT LAKE 01S 002W 23	YOUNG, K. W.	0017496	21.5
SALT LAKE 01S 002W 23	YOUNG, K. W.	0017495	21.
SALT LAKE 01S 002W 24	KENNECOTT COPPER	0017502	22.7
SALT LAKE 01S 002W 24	KLEIN, F. G.	0017517	23.
SALT LAKE 01S 003W 15	KENNECOTT COPPER	0017504	27.2
SALT LAKE 01S 003W 15	KENNECOTT COPPER	0017524	21.6
SALT LAKE 01S 003W 15	KENNECOTT COPPER	0017525	26.
SALT LAKE 01S 003W 15	KENNECOTT COPPER	0017503	27.7
SALT LAKE 02N 002W 35	LAKEFRONT GUN CLUB	0017485	22.
SALT LAKE 02N 002W 35	LAKEFRONT GUN CLUB	0017486	26.5
SALT LAKE 02S 001E 07	TOWERS, H.A.	0017070	20.0
SALT LAKE 02S 001W 04	GRAVEL PIT	0017057	20.0
SALT LAKE 02S 002W 05	BACCHUS GRAVEL PIT	0017058	20.0
SALT LAKE 03S 001E 20	BARROS INC.	0017069	23.

SALT LAKE	03S	001E	20	DRAPER IRRIGATION CO.	0017518	21.
SALT LAKE	03S	001E	29	DRAPER IRRIGATION	0017505	25.5
SALT LAKE	03S	001E	29	LOGAN, S. B.	0017519	22.
SALT LAKE	03S	001W	01	SALT LAKE COUNTY WATER CONSERV. DIST.	0017068	24.4
SALT LAKE	03S	001W	12	HARRISON, A. W.	0017493	20.5
SALT LAKE	03S	001W	12	HARRISON, A. W.	0017053	20.6
SALT LAKE	03S	001W	18	SANDY CITY CORP.	0017056	27.8
SALT LAKE	03S	001W	23	E. JORDAN CANAL CO.	0017055	22.7
SALT LAKE	04S	001W	02	STATE PRISON	0017054	28.3
SALT LAKE	04S	001W	11	CRYSTAL HOT SPRINGS	0017531	58.3
SALT LAKE	04S	001W	11	CRYSTAL HOT SPRINGS	0017532	32.7
SALT LAKE	04S	001W	11,	CRYSTAL HOT SPRINGS	0017354	
SALT LAKE	04S	001W	11,	CRYSTAL HOT SPRINGS	0017353	
SALT LAKE	04S	001W	11,	CRYSTAL HOT SPRINGS	0017352	
SALT LAKE	04S	001W	22	CAMP WILLIAMS R.R.	0017494	21.
SALT LAKE	04S	001W	23	UNNAMED SPRING	0017052	22.7
SAN JUAN	35S	014E	30	WARM SPRING	0017622	25.5
SAN JUAN	39S	026E	21	NATIONAL PARK SERVICE	0017616	21.
SAN JUAN	39S	026E	33	BUREAU OF INDIAN AFFIARS 12R-163	0017209	22.7
SAN JUAN	40S	022E	30	BLUFF IRR. CO.	0017617	20.
SAN JUAN	40S	025E	01	BUREAU OF INDIAN AFFAIRS 12T-312	0017219	21.7
SAN JUAN	40S	025E	05	BUREAU OF INDIAN AFFAIRS 12R-173	0017210	20.0
SAN JUAN	42S	006E	19	BUREAU OF INDIAN AFFAIRS 8A-293	0017212	25.0
SAN JUAN	42S	009E	35	BUREAU OF INDIAN AFFAIRS 2A-104	0017211	21.1
SAN JUAN	42S	017E	14	BUREAU OF INDIAN AFFAIRS 8A-281	0017213	23.3
SAN JUAN	43S	009E	07	BUREAU OF INDIAN AFFAIRS 2A-111	0017214	22.2
SAN JUAN	43S	016E	23	BUREAU OF INDIAN AFFAIRS 8A-229	0017215	21.1
SAN JUAN	43S	019E	29	BUREAU OF INDIAN AFFAIRS 8A-260	0017216	22.2
SAN JUAN	43S	023E	32	BUREAU OF INDIAN AFFAIRS 9Y-57	0017217	20.0
SANPETE	14S	005E	16	FBC IRR.	0017544	55.
SANPETE	18S	002E	13	LIVINGSTON WARM SPRING	0017387	Q 22.2
SANPETE	19S	002E	04	STERLING WARM SPRING	0017388	19.4
SANPETE	19S	002E	04	STERLING WARM SPRING	0017545	19.4
SEVIER	21S	001W	11	TOWN OF REDMOND	0017239	21.1
SEVIER	23S	003W	26	RICHFIELD WARM SPRINGS	0017539	20.
SEVIER	23S	003W	26	RICHFIELD WARM SPRINGS	0017540	22.2
SEVIER	25S	003W	10	MONROE (COOPER) HOT SPRINGS	0017241	76.0
SEVIER	25S	003W	10	MONROE (COOPER) HOT SPRINGS	0017242	76.1
SEVIER	25S	003W	10	MONROE (COOPER) HOT SPRINGS	0017542	42.2
SEVIER	25S	003W	11	RED HILL HOT SPRING	0002966	76.5
SEVIER	25S	003W	11	RED HILL HOT SPRING	0017248	Q 76.1
SEVIER	25S	003W	11	RED HILL HOT SPRINGS	0017541	76.7
SEVIER	25S	003W	15	MONROE (COOPER) HOT SPRINGS	0017247	36.1
SEVIER	25S	003W	15	MONROE (COOPER) HOT SPRINGS	0000749	70.0
SEVIER	25S	003W	15	MONROE (COOPER) HOT SPRINGS	0002965	61.0
SEVIER	25S	003W	27	JOHNSON WARM SPRING	0017245	25.0
SEVIER	25S	003W	27	JOHNSON WARM SPRING	0017246	26.6
SEVIER	25S	004W	13	MECHAM, EDNA	0017543	20.
SEVIER	25S	004W	23	JOSEPH HOT SPRINGS	0017371	64.4
SEVIER	25S	004W	23	JOSEPH HOT SPRINGS	0017370	62.8
SEVIER	25S	004W	23	JOSEPH HOT SPRING	0017244	54.4
SEVIER	25S	004W	23	JOSEPH HOT SPRING	0017243	63.8
SEVIER	25S	004W	23	JOSEPH HOT SPRINGS	0000751	63.0
SUMMIT	01S	004E	33	UNNAMED SPRING	0017159	21.0

TOOELE 01N 009W	24	BERTAGNOLE	0017194	23.9
TOOELE 01N 018W	29	BONNEVILLE LTD. #24	0017396	28.
TOOELE 01N 018W	31	BUREAU OF LAND MANAGEMENT (KAISER FW20)	0017285	24.
TOOELE 01S 003W	17	ASARCO	0017499	31.
TOOELE 01S 003W	17	ASARCO	0017498	29.5
TOOELE 01S 007W	08	BIG WARM SPRINGS	0017349	
TOOELE 01S 007W	08,	BIG WARM SPRINGS	0017350	
TOOELE 01S 007W	08,	BIG WARM SPRINGS	0017351	18.3
TOOELE 01S 007W	08,	BIG WARM SPRINGS	0017344	
TOOELE 01S 007W	08,	BIG WARM SPRINGS	0017343	
TOOELE 01S 007W	08,	BIG WARM SPRINGS	0017348	
TOOELE 01S 007W	08,	BIG WARM SPRINGS	0017347	
TOOELE 01S 007W	08,	BIG WARM SPRINGS	0017346	
TOOELE 01S 007W	08,	BIG WARM SPRINGS	0017345	
TOOELE 01S 007W	08,	BIG WARM SPRINGS	0017342	
TOOELE 01S 007W	09	UTAH FISH AND GAME	0017195	22.2
TOOELE 01S 007W	15	UNNAMED	0017197	23.3
TOOELE 01S 007W	25	UNNAMED SPRING	0017198	20.0
TOOELE 01S 008W	06	HAMMOND, C.	0017199	26.6
TOOELE 01S 019W	02	BONNEVILLE LTD. #13	0017397	24.5
TOOELE 01S 019W	03	KAISER FW7A	0017295	24.
TOOELE 01S 019W	10	BONNEVILLE LTD. NO. 5	0017286	31.
TOOELE 01S 019W	23	BONNEVILLE LTD DBW NO. 13	0017288	24.5
TOOELE 01S 019W	34	BONNEVILLE, LTD. BW NO. 8	0017289	28.
TOOELE 01S 019W	34	KAISER WELL DBW 7	0017290	28.
TOOELE 01S 019W	35	KAISER DBW 9	0017296	30.
TOOELE 02S 004W	09	KENNECOTT COPPER CORP.	0017160	30.0
TOOELE 02S 005W	13	CASSITY, E.	0017161	22.8
TOOELE 02S 005W	34	MORTENSEN, M.	0017163	21.1
TOOELE 02S 005W	34	LEMMON, NELDO	0017162	22.7
TOOELE 02S 006W	16	GRANTSVILLE WARM SPRINGS	0017649	24.4
TOOELE 02S 006W	23	WORTHINGTON, J. R.	0017164	20.0
TOOELE 02S 006W	23	WORTHINGTON, J. R.	0017165	20.
TOOELE 02S 008W	24	UNNAMED SPRING	0017200	22.2
TOOELE 02S 008W	26	NO. HORSESHOE	0017201	22.7
TOOELE 02S 008W	26	SO. HORSESHOE	0017202	22.7
TOOELE 02S 009W	07	REDLUM	0017203	21.1
TOOELE 02S 017W	04	BUREAU OF LAND MANAGEMENT (KAISER K65)	0017398	21.
TOOELE 02S 019W	03	KAISER DBW 8	0017297	28.
TOOELE 02S 019W	14	DBW NO. 1	0017291	43.
TOOELE 02S 019W	24	DBW NO.3	0017292	88.
TOOELE 03S 004W	32	TOOELE CITY	0017166	21.7
TOOELE 03S 008W	10	DESERET LIVESTOCK SO.	0017206	22.7
TOOELE 03S 008W	15	DESERET LIVESTOCK SOUTH	0017204	21.7
TOOELE 03S 008W	21	DESERET LIVESTOCK	0017205	23.9
TOOELE 04S 019W	06	BLUE LAKE SPRING	0017293	29.
TOOELE 05S 005W	09	MORGANS WARM SPRING	0017643	26.7
TOOELE 05S 005W	09	MORGANS WARM SPRING	0017642	24.
TOOELE 05S 005W	17	RUSSELLS WARM SPRING	0017644	21.7
TOOELE 07S 005W	32	DAVIS, R.	0017227	20.0
TOOELE 10S 014W	33	WILSON HOT SPRINGS	0017464	60.5
UINTAH 04S 024E	16	SPLIT MTN. WARM SPRING	0017555	30.

UINTAH 05S 022E 22	PAN-AM PETROL ER-10	0017546	44.5
UINTAH 05S 022E 2	PAN AM PETROL NO. 1 GENTRY	0017552	46.
UINTAH 05S 022E 23	HOLLANDSWORTH AND TRAVIS	0017182	56.0
UINTAH 05S 022E 23	COMPOSITE AV2,3,4,5,7	0017180	49.0
UINTAH 05S 022E 23	COMPOSITE R: LACY 3 & 4	0017186	53.0
UINTAH 05S 022E 23	PAN-AM PETROL ER-1	0017547	49.0
UINTAH 05S 022E 23	COMPOSITE AV1-9	0017179	
UINTAH 05S 022E 23	CRAIN, GRIFFITH, T. E. HALL 1#	0017185	50.0
UINTAH 05S 022E 23	HALL, T. E. #5S	0017184	47.0
UINTAH 05S 022E 24	POLUMBUS CORP NO. 1	0017183	45.0
UINTAH 05S 022E 25	UNION IRRIGATION	0017187	20.0
UINTAH 05S 022E 26	COMPOSITE ER 1,2,4,5,6,8	0017178	50.0
UINTAH 05S 022E 26	PAN AM PETROL	0017549	49.
UINTAH 06S 023E 01	GARNER #1 BOESCHE	0017554	46.
UINTAH 06S 023E 01	GARNER #1 BOESCHE	0017553	43.5
UINTAH 08S 020E 36	SHELL OIL #1 STATE	0017558	57.5
UINTAH 08S 020E 36	SHELL OIL #1 STATE	0017557	43.5
UINTAH 09S 020E 36	WOSCO TEST HOLE	0017560	23.5
UINTAH 09S 020E 36	WOSCO TEST HOLE	0017559	27.5
UINTAH 10S 020E 35	USBLM	0017572	31.
UINTAH 10S 022E 17	USBLM	0017563	21.5
UINTAH 10S 022E 17	USBLM	0017564	22.0
UINTAH 11S 023E 13	SHAMROCK OIL & GAS CORP.	0017565	26.
UINTAH 11S 024E 06	USBLM	0017566	28.5
UINTAH 11S 024E 06	USBLM	0017567	28.
UINTAH 11S 024E 07	USBLM	0017568	26.5
UINTAH 11S 024E 07	USBLM	0017569	26.5
UINTAH 11S 024E 08	SHAMROCK OIL & GAS CORP.	0017570	26.5
UINTAH 11S 024E 08	SHAMROCK OIL & GAS CORP	0017571	26.
UINTAH 13S 019E 08	U.S. BUREAU OF LAND MANAGEMENT	0017905	20.0
UTAH 05S 001W 23	SHELLEY, S. J.	0017146	21.1
UTAH 05S 001W 24	Y.V. STAKE LDS CHURCH	0017147	22.7
UTAH 05S 001W 24	ENNIS, W. D.	0017148	21.1
UTAH 05S 001W 25	CRATER HOT SPRING	0017157	41.6
UTAH 05S 001W 25	EASTMOND, F.	0017155	46.1
UTAH 05S 001W 25	CRATER HOT SPRINGS	0017355	41.6
UTAH 05S 001W 25	BOARD OF CANAL PRESIDENTS	0017150	22.2
UTAH 05S 001W 25	SUGARHOUSE STAKE LDS CHURCH	0017152	35.0
UTAH 05S 001W 25	CRATER HOT SPRING	0017151	43.3
UTAH 05S 001W 25	SUGARHOUSE STAKE LDS CHURCH	0017153	35.0
UTAH 05S 001W 25	SUGARHOUSE STAKE LDS	0017573	35.
UTAH 05S 001W 25	CRATER HOT SPRINGS	0017356	43.3
UTAH 05S 001W 25	WILFORD STAKE LDS CHURCH	0017154	35.0
UTAH 05S 001W 25	SARATOGA HOT SPRINGS	0017357	
UTAH 05S 001W 25	BOARD OF CANAL PRESIDENTS	0017149	23.9
UTAH 05S 001W 26	SHIBA M.	0017156	30.0
UTAH 06S 001W 01	FAULT ZONE SPRING	0017913	32.2
UTAH 06S 001W 18	COOP SECURITY	0017223	27.2
UTAH 06S 002E 05	U. S. STEEL	0017135	20.6
UTAH 06S 002E 08	U. S. STEEL	0017136	20.6
UTAH 06S 002E 08	U. S. STEEL	0017140	20.6
UTAH 06S 002E 08	U. S. STEEL	0017139	20.6
UTAH 06S 002E 08	U. S. STEEL	0017138	21.1
UTAH 06S 002E 08	U. S. STEEL	0017137	20.6

UTAH	07S	001E	05	WARM SPRING, WEST SHORE OF UTAH LAKE	0017141	25.0
UTAH	07S	001E	08	WARM SPRING, WEST SHORE OF UTAH LAKE	0017142	23.9
UTAH	07S	001E	26	BIRD ISLAND	0017120	R 27.
UTAH	07S	003E	20	REILLY TAR & CHEMICAL CO.	0017576	22.
UTAH	07S	003E	32	WOOD SPRINGS	0017121	Q 22.7
UTAH	08S	001E	02	LINCOLN POINT WARM SPRINGS	0017143	30.5
UTAH	08S	001E	03	LINCOLN POINT WARM SPRINGS	0017385	30.6
UTAH	08S	001E	03	LINCOLN POINT WARM SPRINGS	0017578	31.7
UTAH	08S	001W	16	CHIPMAN, D.	0017127	20.0
UTAH	08S	001W	20	FITZGERALD, L. W.	0017128	20.0
UTAH	08S	001W	29	GV A-5	0017308	26.
UTAH	08S	001W	32	ALLEN, J. H.	0017129	20.0
UTAH	08S	002E	16	HALL, M.	0017126	20.0
UTAH	08S	002E	28	BARTHOLOMEW, ORAL	0017575	33.
UTAH	08S	002E	28	BARTHOLOMEW, ORAL	0017574	34.
UTAH	08S	002E	29	HANSEN, N.	0017122	20.0
UTAH	08S	002E	32	YOUNG, K.	0017123	26.6
UTAH	08S	002E	33	HERBERT, R. T.	0017124	31.7
UTAH	08S	005E	14	DIAMOND FORK WARM SPRINGS	0017655	20.
UTAH	09S	001W	04	GV A-7	0017309	23.
UTAH	09S	001W	26	GV A-4	0017307	22.
UTAH	09S	003E	05	KOYLE, J.	0017125	20.0
UTAH	09S	004E	18	CASTILLA HOT SPRINGS	0017651	40.
UTAH	10S	001E	08	GOSHEN WARM SPRINGS	0017386	21.1
UTAH	10S	001E	08	WARM SPRING	0017579	21.
UTAH	10S	001E	08	GV WARM	0017312	61.
UTAH	10S	001W	16	ELBERTA	0017311	22.
UTAH	10S	001W	24	LATTER DAY SAINTS CHURCH, KEARNS STAKE	0017130	22.2
UTAH	10S	001W	28	ELBERTA LAND & WATER CO.	0017131	20.0
UTAH	10S	001W	29	LAZY S CATTLE CO.	0017132	22.2
UTAH	10S	001W	29	LAZY S CATTLE CO., GV A-8	0017310	21.
UTAH	10S	001W	32	LAZY S CATTLE CO.	0017133	20.0
UTAH	10S	001W	33	THOMAS, M.	0017134	20.0
UTAH	10S	002W	15	BURGIN MINE	0017119	54.4
UTAH	11S	002W	03	UNNAMED	0017577	22.2
WASATCH	03S	004E	26	MIDWAY HOT SPRINGS	0017380	
WASATCH	03S	004E	26	EUGENE PAYNE	0017467	39.
WASATCH	03S	004E	27	MIDWAY HOT SPRINGS	0017468	39.8
WASATCH	03S	004E	27	MIDWAY HOT SPRINGS	0017469	29.
WASATCH	03S	004E	27	MIDWAY HOT SPRINGS	0017382	40.
WASATCH	03S	004E	27	MIDWAY HOT SPRINGS	0017470	29.
WASATCH	03S	004E	27	MIDWAY HOT SPRINGS	0017471	30.
WASATCH	03S	004E	27	MIDWAY HOT SPRINGS	0017381	45.
WASATCH	03S	004E	27	MIDWAY HOT SPRINGS	0017473	32.
WASATCH	03S	004E	27	MIDWAY HOT SPRINGS	0017472	29.
WASATCH	03S	004E	27	MIDWAY HOT SPRINGS	0017474	28.
WASHINGTON	30S	016W	06	VEYO WARM SPRING	0017375	32.2
WASHINGTON	36S	015W	07	TULLIS, S.	0017116	30.6
WASHINGTON	39S	016W	14	IRVINE SPRING	0017580	21.
WASHINGTON	40S	013W	27	ANDERSON RANCH	0017581	21.
WASHINGTON	40S	016W	06	VEYO WARM SPRING	0017374	32.2
WASHINGTON	41S	013W	16	UTAH STATE LAND BOARD	0017582	21.5
WASHINGTON	41S	013W	25	LAVERKIN (DIXIE) HOT SPRINGS	0017377	

WASHINGTON	41S	013W	25	LAVERKIN (DIXIE) HOT SPRING	0017111	42.2
WASHINGTON	41S	013W	25	LAVERKIN (DIXIE) HOT SPRING	0017110	
WASHINGTON	41S	013W	25	VIRGIN RIVER, UTAH	0018071	33.5
WASHINGTON	41S	013W	25	LAVERKIN (DIXIE) HOT SPRING	0017109	
WASHINGTON	41S	013W	25	LAVERKIN (DIXIE) HOT SPRINGS	0017379	37.7
WASHINGTON	41S	016W	34	SNOW SPRING	0017583	21.
WASHINGTON	42S	013W	25	LA VERKIN HOT SPRING	0018072	41.8
WASHINGTON	42S	014W	01	BERRY SPRING	0017584	23.5
WASHINGTON	42S	014W	02	UNNAMED SPRING	0017586	21.
WASHINGTON	42S	014W	02	VIRGIN RIVER	0017585	21.
WASHINGTON	42S	014W	12	DIXIE SPRINGS FARM	0017587	20.
WASHINGTON	42S	014W	15	FAWCETT, M.	0017588	20.
WASHINGTON	42S	014W	32	WARNER VALLEY	0017589	21.
WASHINGTON	42S	015W	14	NISSON D.	0017590	20.
WASHINGTON	42S	015W	14	MYERS	0017112	20.0
WASHINGTON	42S	015W	14	WARM SPRING	0017113	24.0
WASHINGTON	42S	015W	15	GREEN SPRING	0017592	21.
WASHINGTON	42S	015W	15	GREEN SPRING	0017591	23.5
WASHINGTON	42S	015W	30	EMPEY, K.	0017595	22.
WASHINGTON	42S	015W	30	STRINGHAM, E.	0017594	22.
WASHINGTON	42S	015W	33	SCHMUTZ BROS.	0017596	21.
WASHINGTON	42S	016W	24	EARL, E.	0017597	21.
WASHINGTON	43S	015W	10	SEEGMILLER	0017598	20.5
WASHINGTON	43S	016W	22	JONES, E.	0017599	21.
WAYNE	28S	008E	29	GARKANE POWER	0017612	24.
WAYNE	29S	010E	21	BERT AVERY	0017207	23.0
WAYNE	30S	011E	05	COW WASH	0017914	21.0
WEBER	05N	001W	17	WASHINGTON TRCE	0017413	21.
WEBER	05N	001W	18	WBWCD RIVERDALE	0017414	21.
WEBER	05N	002W	07	PENMAN, E.	0017416	22.
WEBER	05N	003W	15	PARKER, R. F.	0017418	24.
WEBER	05N	003W	15	RHEAD, T. W.	0017420	22.2
WEBER	05N	003W	15	RHEAD, T. W.	0017419	24.
WEBER	05N	004W	21	RICHARDS, H.	0017169	Q 20.0
WEBER	06N	001W	23	OGDEN HOT SPRINGS	0017421	57.2
WEBER	06N	001W	23	OGDEN HOT SPRINGS	0017329	
WEBER	06N	001W	23	OGDEN HOT SPRINGS	0017328	58.3
WEBER	06N	001W	23	OGDEN HOT SPRINGS	0017327	
WEBER	06N	001W	29	UTAH BY PRODUCTS	0017422	24.0
WEBER	06N	002W	25	STRATFORD, G. E.	0017171	20.0
WEBER	06N	002W	27	DEFRIES, L.	0017170	Q 20.0
WEBER	06N	002W	33	PREVEDEL, D.	0017423	20.
WEBER	06N	003W	05	JACOB, R. M.	0017425	25.
WEBER	06N	003W	10	JACOB, R. M.	0017426	22.
WEBER	06N	003W	19	MARGUARDT ACFT	0017427	22.
WEBER	07N	001E	22	PATIO SPRING	0017654	20.
WEBER	07N	002W	14	UTAH HOT SPRINGS	0017332	
WEBER	07N	002W	14	UTAH HOT SPRINGS	0017331	
WEBER	07N	002W	14	UTAH HOT SPRINGS	0017330	
WEBER	07N	002W	14	UTAH HOT SPRINGS	0017333	57.2
WEBER	07N	003W	31	GSLM & C CORP. NO. 5	0017435	30.
WEBER	07N	003W	31	GSLM & C CORP. NO. 3	0017433	25.
WEBER	07N	003W	31	GSLM & C CORP. NO. 7	0017437	34.
WEBER	07N	003W	31	GSLM & C CORP. NO. 9	0017440	29.

WEBER 07N 003W	31	GSLM & C CORP. NO. 12	0017436	34.
WEBER 07N 003W	31	GSLM & C CORP NO. 11	0017432	34.0
WEBER 07N 003W	31	GSLM & C CORP. NO. 15	0017431	38.
WEBER 07N 003W	31	GSLM & C CORP. NO.6	0017168	
WEBER 07N 003W	31	GSLM & C CORP. NO. 4	0017434	25.
WEBER 07N 003W	31	GSLM & C CORP. NO. 8	0017439	30.
WEBER 07N 003W	31	GSLM & C CORP. NO. 14	0017167	39.0
WEBER 07N 003W	31	GSLM & C CORP. NO. 10	0017438	34.
WEBER 07N 003W	32	GSLM & C CORP. NO. 13	0017441	34.
WEBER 07N 003W	33	GEORGE EAST NO. 1	0017175	20.0

APPENDIX C

Index to GEOTHERM sample file for the state of Utah sorted into one-degree blocks by latitude and longitude. Records are sorted by name of source within each one-degree block. Adjacent one-degree blocks which are published as a 1:250,000 map are combined under the appropriate map name. See Table 1 for explanation of alphabetic qualifiers preceding temperature. I.D. - GEOTHERM record identifier. Temp. - temperature °C.

<u>Latitude</u>	<u>Longitude</u>	<u>Name of Source</u>	<u>County</u>	<u>I.D.</u>	<u>Temp.</u>
COORDINATES NOT GIVEN					
		LITTLE MOUNTAIN WARM SPRING	BOX ELDER	0017078	42.0
		PHILLIPS 3-1 - PHILLIPS PETROLEUM CO.	BEAVER	0016688 Q	205.
		PHILLIPS 54-3	BEAVER	0016691	
		PHILLIPS 54-3	BEAVER	0016690 Q	260.
		PHILLIPS 9-1 - PHILLIPS PETROLEUM CO.	BEAVER	0016689	30.
		THERMO HOT SPRING	BEAVER	0002961	89.5
		UNNAMED SPRING	BOX ELDER	0017083	21.0
CORTEZ 1:250,000					
37-17.23 N	109-32.82 W	BLUFF IRR. CO.	SAN JUAN	0017617	20.
37-20.64 N	109-12.2 W	BUREAU OF INDIAN AFFAIRS 12R-173	SAN JUAN	0017210	20.0
37-20.31 N	109-08.81 W	BUREAU OF INDIAN AFFAIRS 12T-312	SAN JUAN	0017219	21.7
37- 1.20 N	109-42.96 W	BUREAU OF INDIAN AFFAIRS 8A-260	SAN JUAN	0017216	22.2
37- 0.36 N	109-24.78 W	BUREAU OF INDIAN AFFAIRS 9Y-57	SAN JUAN	0017217	20.0
37-21.18 N	109- 4.14 W	BUREAU OF INDIAN AFFAIRS 12R-163	SAN JUAN	0017209	22.7
37-23.04 N	109- 4.02 W	NATIONAL PARK SERVICE	SAN JUAN	0017616	21.
ESCALANTE 1:250,000					
37-05. N	110-51.96 W	BUREAU OF INDIAN AFFAIRS 2A-104	SAN JUAN	0017211	21.1
37- 3.72 N	110-56.70 W	BUREAU OF INDIAN AFFAIRS 2A-111	SAN JUAN	0017214	22.2
37- 2.04 N	110- 7.08 W	BUREAU OF INDIAN AFFAIRS 8A-229	SAN JUAN	0017215	21.1
37- 8.16 N	110- 0.48 W	BUREAU OF INDIAN AFFAIRS 8A-281	SAN JUAN	0017213	23.3
37- 7.26 N	110-11.40 W	BUREAU OF INDIAN AFFAIRS 8A-293	SAN JUAN	0017212	25.0
37-42.62 N	110-44.00 W	HONEY POT SPRING	GARFIELD	0017623	23.
37-37.86 N	110-43.14 W	MILL RACE SPRING	GARFIELD	0017624	25.
37-40.72 N	110-36.12 W	MULE SPRING	GARFIELD	0017626	23.
37-45.07 N	110-49.18 W	SALERATUS SPRING	GARFIELD	0017620 Q	20.
37-45.32 N	110-47.28 W	SALT SPRING	GARFIELD	0017619	20.
37-45.50 N	110-41.98 W	SHITAMARING MINE WELL	GARFIELD	0017615	21.
37-45.50 N	110-41.98 W	SHITAMARING MINE WELL	GARFIELD	0017614	20.
37-45.42 N	110-42.13 W	SHITAMARING SPRING	GARFIELD	0017621	22.
37-45.78 N	110-52.57 W	THOMPSON SEEP	GARFIELD	0017618	21.
37-44.90 N	110-34.83 W	TIC A BOO SPRING	GARFIELD	0017625	28.
37-57.78 N	110-30.07 W	UPPER HOG SPRING	GARFIELD	0017627	31.
37-42.00 N	110-25.26 W	WARM SPRING	SAN JUAN	0017622	25.5
CEDAR CITY 1:250,000					
37-56. N	112-26. W	LAFEVRE'S SPRING	GARFIELD	0017537 R	29.

37-56.12 N 112-25.50 W TEBBS SPRING
 37-18.66 N 112-31.62 W THEOBALD, P.
 37-17.10 N 113-18.24 W ANDERSON RANCH
 37-09.94 N 113-22.97 W BERRY SPRING
 37-39.57 N 113-33.77 W CHRISTENSEN BROS WATER WELL
 37-41.52 N 113-32.25 W COLUMBIA IRON WELL
 37-50.34 N 113-41.22 W DE ARMAND #1 WELL
 37-08.5 N 113-22.4 W DIXIE SPRINGS FARM
 37-07.22 N 113-35.52 W EARL, E.
 37-05.82 N 113-34.32 W EMPEY, K.
 37-07.92 N 113-25. W FAWCETT, M.
 37-08.30 N 113-31.63 W GREEN SPRING
 37-08.30 N 113-31.66 W GREEN SPRING
 37-23.58 N 113-36.60 W IRVINE SPRING
 37- 1.74 N 113-37.50 W JONES, E.
 37-48.52 N 113-08.90 W JONES, L. C. WELL
 37-11.40 N 113-16.30 W LA VERKIN HOT SPRING
 37-11.4 N 113-16.1 W LAYERKIN (DIXIE) HOT SPRING
 37-11.4 N 113-16.1 W LAYERKIN (DIXIE) HOT SPRING
 37-11.4 N 113-16.1 W LAYERKIN (DIXIE) HOT SPRING
 37-11.4 N 113-16.1 W LAYERKIN (DIXIE) HOT SPRINGS
 37-11.4 N 113-16.1 W LAYERKIN (DIXIE) HOT SPRINGS
 37-08.25 N 113-30.73 W MYERS
 37- 7.74 N 113-29.8 W NISSON D.
 37-40.13 N 113-34.52 W PICKERELL, Y. OBSERVATION WELL
 37-04.9 N 113-31.9 W SCHMUTZ BROS.
 37-03.6 N 113-31.26 W SEEGMILLER
 37-10.66 N 113-30.06 W SNOW SPRING
 37- 6.00 N 113-34.9 W STRINGHAM, E.
 37-41.0 N 113-34.38 W TULLIS, S.
 37-09.7 N 113-23.25 W UNNAMED SPRING
 37-13.38 N 113-18.9 W UTAH STATE LAND BOARD
 37-36.05 N 113-09.85 W VANDENBURGE G.
 37-36.10 N 113-09.73 W VANDENBURGE G.
 37-19.1 N 113-41.4 W VEYO WARM SPRING
 37-19.1 N 113-41.4 W VEYO WARM SPRING
 37-09.44 N 113-23.94 W VIRGIN RIVER
 37-11.50 N 113-16.50 W VIRGIN RIVER, UTAH
 37-08.3 N 113-30.70 W WARM SPRING
 37-05.74 N 113-26.79 W WARNER VALLEY

SALINA 1:250,000

38-15.97 N 110-49.71 W BERT AVERY
 38-13.6 N 110-44.3 W COW WASH
 38-06.58 N 110-56.80 W DEAD COWS SPRING
 38-58.62 N 110-59.92 W E. JORDAN CANAL CO.
 38-20.46 N 111-04.2 W GARKANE POWER
 38-59.40 N 111-04.37 W SANDY CITY CORP.
 38-59.8 N 111-52.25 W TOWN OF REDMOND

RICHFIELD 1:250,000

38-23.94 N 112-59.88 W A. W. WINBERG

GARFIELD 0017538 Q 20.
 MILLARD 0017263 25.
 WASHINGTON 0017581 21.
 WASHINGTON 0017584 23.5
 IRON 0017118 Q 95.5
 IRON 0017115 20.0
 IRON 0017114 145.
 WASHINGTON 0017587 20.
 WASHINGTON 0017597 21.
 WASHINGTON 0017595 22.
 WASHINGTON 0017588 20.
 WASHINGTON 0017592 21.
 WASHINGTON 0017591 23.5
 WASHINGTON 0017580 21.
 WASHINGTON 0017599 21.
 IRON 0017221 20.0
 WASHINGTON 0018072 41.8
 WASHINGTON 0017111 42.2
 WASHINGTON 0017109
 WASHINGTON 0017110
 WASHINGTON 0017377
 WASHINGTON 0017379 37.7
 WASHINGTON 0017112 20.0
 WASHINGTON 0017590 20.
 IRON 0017117 23.3
 WASHINGTON 0017596 21.
 WASHINGTON 0017598 20.5
 WASHINGTON 0017583 21.
 WASHINGTON 0017594 22.
 WASHINGTON 0017116 30.6
 WASHINGTON 0017586 21.
 WASHINGTON 0017582 21.5
 IRON 0017222 21.1
 IRON 0017628 21.
 WASHINGTON 0017375 32.2
 WASHINGTON 0017374 32.2
 WASHINGTON 0017585 21.
 WASHINGTON 0018071 33.5
 WASHINGTON 0017113 24.0
 WASHINGTON 0017589 21.

WAYNE 0017207 23.0
 WAYNE 0017914 21.0
 GARFIELD 0017208 25.0
 SALT LAKE 0017055 22.7
 WAYNE 0017612 24.
 SALT LAKE 0017056 27.8
 SEVIER 0017239 21.1

BEAVER 0017015 20.0

38-14.94 N 112-42.00 W BARTON, S. R.	BEAVER	0017234	23.3
38-08.30 N 112-51.80 W BIG MAPLE SPRING	IRON	0017463	21.
38-02.45 N 112-42.73 W BUCKHORN CORP.	IRON	0017220	20.0
38-36.00 N 112-33.00 W COVE FORT - SULPHURDALE	MILLARD (& BEAVER)	0000737	
38-46.38 N 112-51.90 W COYOTE N.	MILLARD	0017304	20.
38-45.72 N 112-52.50 W COYOTE S.	MILLARD	0017305	20.
38-51.54 N 112-30.72 W DEVILS RIDGE SPRING	MILLARD	0017906	18.0
38-12.96 N 112-54.12 W DOTSONS (RADIUM)	BEAVER	0017021	31.7
38-12.96 N 112-54.12 W DOTSONS (RADIUM)	BEAVER	0017020	36.1
38-12.96 N 112-54.00 W DOTSONS (RADIUM)	BEAVER	0017451	32.5
38-12.96 N 112-54.00 W DOTSONS (RADIUM)	BEAVER	0017452	31.5
38-23.94 N 112-59.88 W E. TANNER	BEAVER	0017014	21.7
38-15.30 N 112-42.54 W GREENVILLE SCHOOL	BEAVER	0017235	20.0
38-15.30 N 112-42.54 W GREENVILLE WARD LDS CHURCH	BEAVER	0017232	20.0
38-22.98 N 112-56.94 W HANSON LAND & LIVESTOCK	BEAVER	0017447	20.5
38-51.18 N 112-29.40 W HATTON HOT SPRINGS	MILLARD	0017363	
38-51.12 N 112-29.28 W HATTON HOT SPRINGS	MILLARD	0017903	30.0
38-51.06 N 112-29.16 W HATTON HOT SPRINGS	MILLARD	0017907	36.0
38-51.18 N 112-29.40 W HATTON HOT SPRINGS	MILLARD	0017362	37.7
38-36.18 N 112-06.66 W JOHNSON WARM SPRING	SEVIER	0017246	26.6
38-36.18 N 112-06.66 W JOHNSON WARM SPRING	SEVIER	0017245	25.0
38-36.85 N 112-12.06 W JOSEPH HOT SPRING	SEVIER	0017243	63.8
38-36.85 N 112-12.06 W JOSEPH HOT SPRING	SEVIER	0017244	54.4
38-36.85 N 112-12.06 W JOSEPH HOT SPRINGS	SEVIER	0017371	64.4
38-36.85 N 112-12.06 W JOSEPH HOT SPRINGS	SEVIER	0017370	62.8
38-36.85 N 112-12.06 W JOSEPH HOT SPRINGS	SEVIER	0000751	63.0
38-30.18 N 112-51.06 W MCKEAN, P. B. (ROOSEVELT)	BEAVER	0017444	56.
38-30.18 N 112-51.06 W MCKEAN, P. B. (ROOSEVELT)	BEAVER	0017443	Q 85.
38-28.56 N 112-54.48 W MCKEAN, P.B. (ROOSEVELT)	BEAVER	0017026	99.
38-51.96 N 112-30.30 W MEADOW HOT SPRINGS	MILLARD	0017534	41.
38-51.90 N 112-30.42 W MEADOW HOT SPRINGS	MILLARD	0017301	33.
38-51.90 N 112-30.30 W MEADOW HOT SPRINGS	MILLARD	0017361	32.2
38-51.90 N 112-30.18 W MEADOW HOT SPRINGS	MILLARD	0017360	
38-51.90 N 112-30.18 W MEADOW HOT SPRINGS	MILLARD	0017359	35.
38-51.90 N 112-30.36 W MEADOW HOT SPRINGS	MILLARD	0017533	30.
38-51.80 N 112-30.00 W MEADOW HOT SPRINGS	MILLARD	0000747	41.0
38-52.32 N 112-28.92 W MEADOW, E.	MILLARD	0017302	24.
38-37.26 N 112-11.82 W MECHAM, EDNA	SEVIER	0017543	20.
38-14.22 N 112-48.96 W MINERSVILLE RES.& IRR. CO.	BEAVER	0017233	21.1
38-37.94 N 112-06.38 W MONROE (COOPER) HOT SPRINGS	SEVIER	0002965	61.0
38-37.94 N 112-06.40 W MONROE (COOPER) HOT SPRINGS	SEVIER	0000749	70.0
38-38.04 N 112-10.02 W MONROE (COOPER) HOT SPRINGS	SEVIER	0017241	76.0
38-37.98 N 112- 6.42 W MONROE (COOPER) HOT SPRINGS	SEVIER	0017242	76.1
38-37.94 N 112-06.40 W MONROE (COOPER) HOT SPRINGS	SEVIER	0017247	36.1
38-38.10 N 112-06.42 W MONROE (COOPER) HOT SPRINGS	SEVIER	0017542	42.2
38-59.88 N 112-31.74 W PAXTON W.A.	MILLARD	0017902	20.6
38-38.34 N 112-05.88 W RED HILL HOT SPRING	SEVIER	0002966	76.5
38-38.34 N 112-05.88 W RED HILL HOT SPRING	SEVIER	0017248	Q 76.1
38-38.34 N 112-05.88 W RED HILL HOT SPRINGS	SEVIER	0017541	76.7
38-46.43 N 112-05.74 W RICHFIELD WARM SPRINGS	SEVIER	0017540	22.2
38-46.43 N 112-05.74 W RICHFIELD WARM SPRINGS	SEVIER	0017539	20.
38-30.00 N 112-50.00 W ROOSEVELT HOT SPRING	BEAVER	0000735	55.0
38-30.48 N 112-51.24 W SALT	BEAVER	0017442	24.5
38-28.74 N 112-52.08 W STEAM WELL	BEAVER	0017446	133.

38-33.60 N 112-34.68 W SULFERDALE
 38-13.08 N 112-54.36 W TOWN OF MINERSVILLE
 38-47.76 N 112-42.90 W TWIN PEAKS
 38-52.14 N 112-29.04 W UNNAMED SPRING
 38-16.14 N 112-54.54 W UNNAMED SPRING
 38-50.88 N 112-29.34 W UNNAMED WELL
 38-11.16 N 112-54.48 W US BLM
 38-57.42 N 112-27.00 W UTLEY AND STARLEY
 38-51.78 N 112-30.42 W WARM SPRING
 38- 9.30 N 112-53.76 W WILLOW
 38-20.82 N 113-23.28 W EARTH SCIENCES, INC.
 38-22.86 N 113- 0.96 W FORGIE, J.
 38-22.74 N 113- 0.84 W GOODWIN, G. C.
 38-55.68 N 113-22.38 W IDEX 108
 38-22.86 N 113- 0.96 W LEWIS, A.B.
 38-22.86 N 113- 0.96 W LEWIS, A.B.
 38-22.86 N 113- 0.96 W MCCAULEY, JO
 38-22.86 N 113- 0.96 W MILFORD TOWN
 38-22.86 N 113- 0.90 W MILFORD TOWN
 38-11.46 N 113- 0.84 W NED CRAW
 38-11.46 N 113- 0.84 W NED CRAW
 38-23.94 N 113- 5.28 W SP, LA&SR RR
 38-25.08 N 113- 1.44 W SULLIVAN LAND & LIVESTOCK
 38-10.38 N 113-12.18 W THERMO HOT SPRINGS
 38-10.38 N 113-12.18 W THERMO HOT SPRINGS
 38-10.38 N 113-12.30 W THERMO HOT SPRINGS
 38-10.38 N 113-12.30 W THERMO HOT SPRINGS
 38-10.38 N 113-12.30 W THERMO HOT SPRINGS
 38-10.38 N 113-12.30 W THERMO HOT SPRINGS
 38-11.10 N 113-11.88 W THERMO HOT SPRINGS
 38-11.10 N 113-11.88 W THERMO HOT SPRINGS
 38-11.00 N 113-12.20 W THERMO HOT SPRINGS
 38-11.16 N 113-11.70 W THERMO HOT SRPINGS
 38-23.52 N 113-00.72 W TOWN, MILFORD
 38-10.32 N 113-12.54 W U.S. BUREAU OF LAND MANAGEMENT, THERMO
 38-10.74 N 113- 4.20 W US BLM
 38-21.90 N 113- 1.14 W WALKER, T. E.
 38-20.52 N 113-13.38 W WOODHOUSE

GRAND JUNCTION 1:250,000

39-52.53 N 109-15.27 W SHAMROCK OIL & GAS CORP
 39-51.26 N 109-17.31 W SHAMROCK OIL & GAS CORP.
 39-52.53 N 109-15.27 W SHAMROCK OIL & GAS CORP.
 39-42.42 N 109-48.42 W U.S. BUREAU OF LAND MANAGEMENT
 39-54.54 N 109-38.31 W USBLM
 39-52.47 N 109-16.58 W USBLM
 39-53.29 N 109-16.34 W USDLM
 39-52.47 N 109-16.58 W USBLM
 39-53.29 N 109-16.34 W USBLM
 39-57.25 N 109-27.32 W USBLM
 39-57.25 N 109-27.32 W USDLM
 39-59.1 N 109-36.42 W WOSCO TEST HOLE
 39-59.1 N 109-36.42 W WOSCO TEST HOLE

BEAVER 0017306 22.
 BEAVER 0017453 33.5
 MILLARD 0017303 31.
 MILLARD 0017909 22.0
 BEAVER 0017022 28.0
 MILLARD 0017535 67.
 BEAVER 0017454 33.
 MILLARD 0017901 20.0
 MILLARD 0017904 35.0
 BEAVER 0017455 21.5
 BEAVER 0017193 24.5
 BEAVER 0017007 25.6
 BEAVER 0017448 21.
 MILLARD 0017041 16.5
 BEAVER 0017009 26.6
 BEAVER 0017008 26.6
 BEAVER 0017010 20.0
 BEAVER 0017011 22.2
 BEAVER 0017012 22.2
 BEAVER 0017456 21.
 BEAVER 0017457 21.
 BEAVER 0017013 21.7
 BEAVER 0017445 27.
 BEAVER 0017024 60.0
 BEAVER 0017025 60.0
 BEAVER 0017461 78.
 BEAVER 0017460 82.5
 BEAVER 0017373
 BEAVER 0017462 76.5
 BEAVER 0017372
 BEAVER 0017459 85.
 BEAVER 0000739 89.5
 BEAVER 0017006 Q 76.6
 BEAVER 0017027 25.5
 BEAVER 0017023 Q 75.0
 BEAVER 0017458 22.5
 BEAVER 0017449 25.5
 BEAVER 0017450 22.

UINTAH 0017571 26.
 UINTAH 0017565 26.
 UINTAH 0017570 26.5
 UINTAH 0017905 20.0
 UINTAH 0017572 31.
 UINTAH 0017569 26.5
 UINTAH 0017566 28.5
 UINTAH 0017568 26.5
 UINTAH 0017567 28.
 UINTAH 0017563 21.5
 UINTAH 0017564 22.0
 UINTAH 0017559 27.5
 UINTAH 0017560 23.5

PRICE 1:250,000

39-15.83 N 110-21.17 W ROADSIDE GEYSER - WATER WELL
 39-57.06 N 111-57.24 W ELBERTA
 39-55.08 N 111-56.16 W ELBERTA LAND & WATER CO.
 39-36.1 N 111-22.02 W FOC IRR.
 39-57.30 N 111-51.48 W GOSIEN WARM SPRINGS
 39-57.42 N 111-51.54 W GY WARM
 39-55.44 N 111-53.0 W LATTER DAY SAINTS CHURCH, KEARNS STAKE
 39-53.7 N 111-58.3 W LAZY S CATTLE CO.
 39-54.5 N 111-57.4 W LAZY S CATTLE CO.
 39-54.48 N 111-57.4 W LAZY S CATTLE CO., GY A-8
 39-14.75 N 111-38.7 W LIVINGSTON WARM SPRING
 39-47.29 N 111-52.84 W LUNT R.
 39-10.97 N 111-41.44 W STERLING WARM SPRING
 39-10.97 N 111-41.44 W STERLING WARM SPRING
 39-54.4 N 111-56.40 W THOMAS, M.
 39-57.42 N 111-51.24 W WARM SPRING

EMERY 0017218 27.8
 UTAH 0017311 22.
 UTAH 0017131 20.0
 SANPETE 0017544 55.
 UTAH 0017386 21.1
 UTAH 0017312 61.
 UTAH 0017130 22.2
 UTAH 0017133 20.0
 UTAH 0017132 22.2
 UTAH 0017310 21.
 SANPETE 0017387 Q 22.2
 JUAB 0017224 20.
 SANPETE 0017545 19.4
 SANPETE 0017388 19.4
 UTAH 0017134 20.0
 UTAH 0017579 21.

DELTA 1:250,000

39- 8.88 N 112-26.34 W BADGER, F.
 39-36.8 N 112-43.7 W BAKER (ABRAHAM OR CRATER) HOT SPRINGS
 39-36.8 N 112-43.7 W BAKER (ABRAHAM OR CRATER) HOT SPRINGS
 39-36.8 N 112-43.7 W BAKER (ABRAHAM OR CRATER) HOT SPRINGS
 39-36.8 N 112-43.7 W BAKER (ABRAHAM OR CRATER) HOT SPRINGS
 39-57.0 N 112-02.7 W BURGIN MINE
 39- 1.68 N 112-26.64 W CHRISTENSEN BROS.
 39-19.50 N 112-37.02 W CRAFTS, D.
 39-24.60 N 112-27.48 W DMAD IRR
 39-25.62 N 112-27.18 W DMAD IRR
 39-28.08 N 112-24.78 W DMAD IRR
 39-24.60 N 112-27.48 W DMAD IRR
 39-28.08 N 112-24.78 W DMAD IRR
 39-18.48 N 112-28.98 W ELLSWORTH, L. B.
 39-24.90 N 112-45.78 W ELLSWORTH, L. B.
 39-24.96 N 112-45.78 W ELLSWORTH, L. B.
 39-20.64 N 112-32.34 W GARDNER, J. F. AND R. M.
 39-24.18 N 112-43.20 W GOLDEN HARVEY IRR
 39-24.18 N 112-43.20 W GOLDEN HARVEY IRR
 39-24.84 N 112-35.76 W HANSEN, D. L.
 39-17.16 N 112-33.72 W HART, C. D.
 39-25.02 N 112-35.46 W JONES, J. R.
 39-25.02 N 112-35.46 W JONES, J. R.
 39-22.56 N 112-31.92 W LARSEN, T.
 39-01.98 N 112-26.28 W MCBRIDE, N.
 39-20.40 N 112-34.02 W MOODY, R. D.
 39-03.00 N 112-46.08 W NEEL RR
 39-03.00 N 112-46.08 W NEEL RR
 39-03.00 N 112-46.08 W NEEL RR
 39-26.16 N 112-42.54 W PECK, L. C.
 39-17.34 N 112-37.62 W PETERSON, G. M.
 39-14.40 N 112-41.46 W ROBISON, W.

HILLARD 0017189 22.2
 JUAB 0000745 Q 82.2
 JUAB 0017536 Q 82.2
 JUAB 0002963 Q 82.2
 JUAB 0017358
 UTAH 0017119 54.4
 HILLARD 0017192 22.2
 HILLARD 0017267 20.6
 HILLARD 0017252 20.
 HILLARD 0017251 20.
 HILLARD 0017249 21.1
 HILLARD 0017253 20.
 HILLARD 0017250 21.7
 HILLARD 0017262 75.
 HILLARD 0017005 24.4
 HILLARD 0017274 28.9
 HILLARD 0017259 27.8
 HILLARD 0017257 26.6
 HILLARD 0017258
 HILLARD 0017004 21.7
 HILLARD 0017002 21.7
 HILLARD 0017254 23.3
 HILLARD 0017255 22.7
 HILLARD 0017261 20.6
 HILLARD 0017900 20.0
 HILLARD 0017260 26.1
 HILLARD 0017019 Q
 HILLARD 0017018
 HILLARD 0017017
 HILLARD 0017256 26.6
 HILLARD 0017268 21.7
 HILLARD 0017003 25.6

39-17.70 N 112-32.22 W ROSS, C. K.
 39-21.00 N 112-34.62 W TOWN OF DELTA
 39-21.48 N 112-34.62 W TOWN OF DELTA
 39- 7.20 N 112-28.26 W U.S. BUREAU OF LAND MANAGEMENT
 39-17.10 N 112-27.54 W UNION PACIFIC
 39-53.94 N 112-02.70 W UNNAMED
 39- 3.12 N 112-26.34 W WILSON, E. V.
 39-25.44 N 113-29.22 W COYOTE SPRING
 39-25.44 N 113-29.22 W COYOTE SPRING
 39-50.5 N 113-23.5 W FISH SPRINGS
 39-25.92 N 113-52.50 W FOOTES RANCH
 39-14.88 N 113-52.62 W KNOLL SPRINGS
 39-17.88 N 113-38.76 W SKUNK SPRING
 39-20.82 N 113-31.08 W TULE SPRING GROUP
 39-20.82 N 113-30.90 W TULE SPRING GROUP
 39-21.09 N 113-30.96 W TULE, N.
 39-19.98 N 113-31.08 W TULE, S.
 39-26.28 N 113-51.00 W TWIN SPRINGS
 39-21.12 N 113-31.08 W UNNAMED SPRING
 39-23.28 N 113-30.48 W UNNAMED SPRING
 39-18.24 N 113-29.40 W UNNAMED SPRING
 39-21.12 N 113-30.78 W UNNAMED SPRING
 39-18.00 N 113-29.40 W UNNAMED WELL
 39-22.20 N 113-30.78 W WILLOW SPRING
 39-54.39 N 113-25.80 W WILSON HOT SPRINGS

ELY 1:250,000

39-27.84 N 114- 1.98 W GANDY WARM SPRING
 39-27.90 N 114- 2.04 W GANDY WARM SPRINGS
 39-27.90 N 114- 2.04 W GANDY WARM SPRINGS
 39-13.38 N 114-00.06 W HILL, J. D.
 39-29.10 N 114- 0.12 W HILL, J. D.
 39-27.84 N 114- 1.98 W WARM SPRINGS

VERNAL 1:250,000

40-22.14 N 109-24.60 W COMPOSITE AV1-9
 40-21.96 N 109-25.08 W COMPOSITE AV2,3,4,5,7
 40-21.66 N 109-24.33 W COMPOSITE ER 1,2,4,5,6,8
 40-21.88 N 109-24.36 W COMPOSITE R: LACY 3 & 4
 40-21.90 N 109-24.96 W CRAIN, GRIFFITH, T. E. HALL 1#
 40-19.92 N 109-16.74 W GARNER #1 BOESCHE
 40-19.92 N 109-16.74 W GARNER #1 BOESCHE
 40-21.84 N 109-24.84 W HALL, T. E. #5S
 40-21.90 N 109-24.66 W HOLLANDSWORTH AND TRAVIS
 40-21.72 N 109-24.90 W PAN AM PETROL
 40-22.26 N 109-25.62 W PAN AM PETROL NO. 1 GENTRY
 40-21.9 N 109-25.08 W PAN-AM PETROL ER-1
 40-21.90 N 109-25.60 W PAN-AM PETROL ER-10
 40-21.72 N 109-23.10 W POLUMBUS CORP NO. 1
 40-05.10 N 109-36.90 W SHELL OIL #1 STATE
 40- 5.10 N 109-36.90 W SHELL OIL #1 STATE
 40-27.90 N 109-13.26 W SPLIT MTN. WARM SPRING

MILLARD 0017264 20.
 MILLARD 0017266 26.6
 MILLARD 0017265 26.6
 MILLARD 0017190 29.4
 MILLARD 0017001 21.1
 UTAH 0017577 22.2
 MILLARD 0017191 20.0
 MILLARD 0017029 28.0
 MILLARD 0017028 28.0
 JUAB 0017465 27.8
 MILLARD 0017231 20.0
 MILLARD 0017230 21.4
 MILLARD 0017040 16.0
 MILLARD 0017035 27.0
 MILLARD 0017034 27.0
 MILLARD 0017033 28.0
 MILLARD 0017036 25.0
 MILLARD 0017229 20.0
 MILLARD 0017031 27.5
 MILLARD 0017030 24.5
 MILLARD 0017037 27.0
 MILLARD 0017032 27.5
 MILLARD 0017038 31.0
 MILLARD 0017039 19.5
 TOOELE 0017464 60.5

MILLARD 0017910 28.
 MILLARD 0017645 27.
 MILLARD 0017646 26.5
 MILLARD 0017648 22.
 MILLARD 0017647 22.
 MILLARD 0017911 27.2

UINTAH 0017179
 UINTAH 0017180 49.0
 UINTAH 0017178 50.0
 UINTAH 0017186 53.0
 UINTAH 0017185 50.0
 UINTAH 0017553 43.5
 UINTAH 0017554 46.
 UINTAH 0017184 47.0
 UINTAH 0017182 56.0
 UINTAH 0017549 49.
 UINTAH 0017552 46.
 UINTAH 0017547 49.0
 UINTAH 0017546 44.5
 UINTAH 0017183 45.0
 UINTAH 0017557 43.5
 UINTAH 0017558 57.5
 UINTAH 0017555 30.

40-21.48 N 109-23.82 W UNION IRRIGATION

UINTAH 0017187 20.0

SALT LAKE CITY 1:250,000

40-27. N 110-49. W WARM SPRING	DUCHESNE	0017556	26.
40-04.68 N 111-58.46 W ALLEN, J. H.	UTAH	0017129	20.0
40-40.75 N 111-58.22 W BACCHUS GRAVEL PIT	SALT LAKE	0017058	20.0
40-32.98 N 111-51.8 W BARROS INC.	SALT LAKE	0017069	23.3
40-05.1 N 111-43.74 W BARTHOLOMEW, ORAL	UTAH	0017575	33.
40-05.1 N 111-43.74 W BARTHOLOMEW, ORAL	UTAH	0017574	34.
40-48.96 N 111-55.08 W BECKS HOT SPRING	SALT LAKE	0017313	
40-48.95 N 111-55.08 W BECKS HOT SPRING	SALT LAKE	0017300	55.
40-48.96 N 111-55.08 W BECKS HOT SPRING	SALT LAKE	0017316	
40-48.96 N 111-55.08 W BECKS HOT SPRING	SALT LAKE	0017314	
40-48.95 N 111-55.08 W BECKS HOT SPRING	SALT LAKE	0017527	54.4
40-48.95 N 111-55.08 W BECKS HOT SPRING	SALT LAKE	0017528	55.5
40-48.96 N 111-55.08 W BECKS HOT SPRING	SALT LAKE	0017315	
40-10.6 N 111-48.06 W BIRD ISLAND	UTAH	0017120 R	27.
40-21.6 N 111-53.9 W BOARD OF CANAL PRESIDENTS	UTAH	0017150	22.2
40-21.2 N 111-54.1 W BOARD OF CANAL PRESIDENTS	UTAH	0017149	23.9
40-27.48 N 111-55.56 W CAMP WILLIAMS R.R.	SALT LAKE	0017494	21.
40-02.24 N 111-31.71 W CASTILLA HOT SPRINGS	UTAH	0017651	40.
40-59.95 N 111-56.58 W CEN. DAVIS CO. SD WELL	DAVIS	0017404	24.
40-59.95 N 111-56.58 W CEN. DAVIS CO. SD WELL	DAVIS	0017403	22.
40- 7.14 N 111-57.4 W CHIPMAN, O.	UTAH	0017127	20.0
40-17.64 N 111-59.59 W COOP SECURITY	UTAH	0017223	27.2
40-21.18 N 111-53.70 W CRATER HOT SPRING	UTAH	0017151	43.3
40-21.18 N 111-53.70 W CRATER HOT SPRING	UTAH	0017157	41.6
40-21.18 N 111-53.70 W CRATER HOT SPRINGS	UTAH	0017355	41.6
40-21.42 N 111-53.70 W CRATER HOT SPRINGS	UTAH	0017356	43.3
40-29.25 N 111-54.66 W CRYSTAL HOT SPRINGS	SALT LAKE	0017532	32.7
40-29.25 N 111-54.66 W CRYSTAL HOT SPRINGS	SALT LAKE	0017353	
40-29.25 N 111-54.66 W CRYSTAL HOT SPRINGS	SALT LAKE	0017354	
40-29.25 N 111-54.66 W CRYSTAL HOT SPRINGS	SALT LAKE	0017531	58.3
40-29.25 N 111-54.66 W CRYSTAL HOT SPRINGS	SALT LAKE	0017352	
40-07.06 N 111-20.22 W DIAMOND FORK WARM SPRINGS	UTAH	0017655	20.
40-31.62 N 111-52.1 W DRAPER IRRIGATION	SALT LAKE	0017505	25.5
40-32.8 N 111-51.8 W DRAPER IRRIGATION CO.	SALT LAKE	0017518	21.
40-20.9 N 111-54.30 W EASTMOND, F.	UTAH	0017155	46.1
40-21.84 N 111-53.40 W ENNIS, W. D.	UTAH	0017148	21.1
40-31.53 N 111-28.08 W EUGENE PAYNE	WASATCH	0017467	39.
40-56.45 N 111-55.00 W FARMINGTON BAY REFUGE WELL	DAVIS	0017406	33.
40-56.45 N 111-55.00 W FARMINGTON BAY REFUGE WELL	DAVIS	0017407	29.
40-19.9 N 111-53.3 W FAULT ZONE SPRING	UTAH	0017913	32.2
40-06.01 N 111-50.20 W FITZGERALD, L. W.	UTAH	0017128	20.0
40-50.52 N 111-58.02 W GILLMORE, C. F. & E. L.	SALT LAKE	0017476	
40-50.52 N 111-58.02 W GILLMORE, C. F. & E. L.	SALT LAKE	0017475	28.5
40-47.22 N 111-56.88 W GRANGER HUNTER IMPROVEMENT DIST.	SALT LAKE	0017045	21.1
40-41.94 N 111-55.68 W GRANGER-HUNTER IMPROVEMENT DIST.	SALT LAKE	0017490	21.
40-43.14 N 111-58.6 W GRANGER-HUNTER IMPROVEMENT DIST.	SALT LAKE	0017507	23.3
40-40.30 N 111-50.50 W GRAVEL PIT	SALT LAKE	0017057	20.0
40- 0.36 N 111-54.6 W GV A-4	UTAH	0017307	22.
40-05.45 N 111-57.96 W GV A-5	UTAH	0017308	26.

40-03.3	N	111-57.3	W GY A-7	UTAH	0017309	23.
40-06.9	N	111-43.6	W HALL, M.	UTAH	0017126	20.0
40-05.70	N	111-43.86	W HANSEN, N.	UTAH	0017122	20.0
40-33.96	N	111-54.60	W HARRISON, A. W.	SALT LAKE	0017053	20.6
40-34.1	N	111-54.5	W HARRISON, A. W.	SALT LAKE	0017493	20.5
40-05.0	N	111-43.8	W HERBERT, R. T.	UTAH	0017124	31.7
40-48.78	N	111-59.94	W JEREMY, E. J.	SALT LAKE	0017480	23.
40-48.78	N	111-59.70	W JEREMY, E. J.	SALT LAKE	0017478	22.5
40-48.7	N	111-59.70	W JEREMY, E. J.	SALT LAKE	0017479	20.
40-48.7	N	111-59.94	W JEREMY, E. J.	SALT LAKE	0017481	24.4
40-43.05	N	111-59.76	W KENNECOTT COPPER	SALT LAKE	0017062	Q 24.4
40-03.42	N	111-37.74	W KOYLE, J.	UTAH	0017125	20.0
40- 8.70	N	111-48.3	W LINCOLN POINT WARM SPRINGS	UTAH	0017143	30.5
40- 8.70	N	111-48.4	W LINCOLN POINT WARM SPRINGS	UTAH	0017578	31.7
40- 8.70	N	111-48.4	W LINCOLN POINT WARM SPRINGS	UTAH	0017385	30.6
40-32.05	N	111-51.6	W LOGAN, S. B.	SALT LAKE	0017519	22.
40-32.10	N	111-28.92	W MIDWAY HOT SPRINGS	WASATCH	0017381	45.
40-31.98	N	111-28.14	W MIDWAY HOT SPRINGS	WASATCH	0017380	
40-31.5	N	111-29.2	W MIDWAY HOT SPRINGS	WASATCH	0017470	29.
40-31.5	N	111-29.2	W MIDWAY HOT SPRINGS	WASATCH	0017472	29.
40-31.5	N	111-28.2	W MIDWAY HOT SPRINGS	WASATCH	0017471	30.
40-31.5	N	111-29.2	W MIDWAY HOT SPRINGS	WASATCH	0017469	29.
40-31.92	N	111-28.86	W MIDWAY HOT SPRINGS	WASATCH	0017468	39.8
40-31.98	N	111-29.04	W MIDWAY HOT SPRINGS	WASATCH	0017382	40.
40-31.5	N	111-29.2	W MIDWAY HOT SPRINGS	WASATCH	0017473	32.
40-31.5	N	111-29.2	W MIDWAY HOT SPRINGS	WASATCH	0017474	28.
40-11.94	N	111-37.62	W REILLY TAR & CHEMICAL CO.	UTAH	0017576	22.
40-50.64	N	111-59.94	W RUDY GUN CLUB	SALT LAKE	0017477	22.
40-41.28	N	111-55.20	W SALT LAKE CO. WATER CONSERV. DISTRICT	SALT LAKE	0017491	21.
40-41.28	N	111-55.2	W SALT LAKE CO. WATER CONSERVATION DISTRICT	SALT LAKE	0017492	22.8
40-35.2	N	111-54.2	W SALT LAKE COUNTY WATER CONSERVATION DISTRICT	SALT LAKE	0017068	24.4
40-21.0	N	111-54.3	W SARATOGA HOT SPRINGS	UTAH	0017357	
40-43.35	N	111-52.9	W SCHMIDT, M.	SALT LAKE	0017526	25.5
40-22.38	N	111-54.96	W SHELLEY, S. J.	UTAH	0017146	21.1
40-21.4	N	111-55.08	W SHIBA M.	UTAH	0017156	30.0
40-48.36	N	111-55.2	W SOL	SALT LAKE	0017506	30.5
40-49.62	N	111-59.94	W STATE OF UTAH	SALT LAKE	0017044	20.0
40-29.76	N	111-54.72	W STATE PRISON	SALT LAKE	0017054	28.3
40-43.56	N	111-59.16	W SUDBURY, L. W.	SALT LAKE	0017487	22.
40-43.56	N	111-59.16	W SUDBURY, L. W.	SALT LAKE	0017489	22.
40-43.56	N	111-59.16	W SUDBURY, L. W.	SALT LAKE	0017488	21.5
40-43.57	N	111-59.2	W SUDBURY, S. A.	SALT LAKE	0017500	20.6
40-43.57	N	111-59.2	W SUDBURY, S. A.	SALT LAKE	0017501	20.5
40-21.30	N	111-54.30	W SUGARHOUSE STAKE LDS	UTAH	0017573	35.
40-21.2	N	111-54.1	W SUGARHOUSE STAKE LDS CHURCH	UTAH	0017152	35.0
40-21.1	N	111-54.1	W SUGARHOUSE STAKE LDS CHURCH	UTAH	0017153	35.0
40-52.35	N	111-55.05	W THALMAN, A. WELL	DAVIS	0017912	20.0
40-52.30	N	111-55.17	W THALMAN, F. WELL	DAVIS	0017172	Q 20.0
40-39.24	N	111-45.78	W TOWERS, H.A.	SALT LAKE	0017070	20.0
40-18.42	N	111-44.58	W U. S. STEEL	UTAH	0017140	20.6
40-18.48	N	111-44.76	W U. S. STEEL	UTAH	0017139	20.6
40-18.84	N	111-44.88	W U. S. STEEL	UTAH	0017137	20.6
40-18.7	N	111-44.46	W U. S. STEEL	UTAH	0017135	20.6
40-18.72	N	111-44.88	W U. S. STEEL	UTAH	0017138	21.1

40-18.8 N 111-44.46 W U. S. STEEL
 40-27.36 N 111-55.62 W UNNAMED SPRING
 40-41.82 N 111-29.59 W UNNAMED SPRING
 40-44.6 N 111-38.3 W UTAH FISH AND GAME
 40-21.8 N 111-53.5 W V.V. STAKE LDS CHURCH
 40-14.04 N 111-51.96 W WARM SPRING, WEST SHORE OF UTAH LAKE
 40-13.68 N 111-51.90 W WARM SPRING, WEST SHORE OF UTAH LAKE
 40-47.4 N 111-53.99 W WASATCH HOT SPRINGS
 40-47.4 N 111-53.9 W WASATCH HOT SPRINGS
 40-47.4 N 111-53.99 W WASATCH HOT SPRINGS
 40-47.4 N 111-53.99 W WASATCH HOT SPRINGS
 40-47.4 N 111-53.99 W WASATCH HOT SPRINGS
 40-47.4 N 111-53.99 W WASATCH HOT SPRINGS
 40-58.12 N 111-55.87 W WHEELER MACH. CO. WELL
 40-21.0 N 111-54.3 W WILFORD STAKE LDS CHURCH
 40-10.02 N 111-37.32 W WOOD SPRINGS
 40-04.7 N 111-43.9 W YOUNG, K.

UTAH 0017136 20.6
 SALT LAKE 0017052 22.7
 SUMMIT 0017159 21.0
 TOOELE 0017195 22.2
 UTAH 0017147 22.7
 UTAH 0017141 25.0
 UTAH 0017142 23.9
 SALT LAKE 0017317
 SALT LAKE 0017529 42.
 SALT LAKE 0017320
 SALT LAKE 0017318
 SALT LAKE 0017319
 SALT LAKE 0017530 40.5
 DAVIS 0017405 21.0
 UTAH 0017154 35.0
 UTAH 0017121 Q 22.7
 UTAH 0017123 26.6

TOOLE 1:250,000

40-43.68 N 112-12.06 W ASARCO
 40-43.68 N 112-12.06 W ASARCO
 40-47.88 N 112-48.60 W BERTAGHOLE
 40-44.70 N 112-39.90 W BIG WARM SPRINGS
 40-44.70 N 112-39.90 W BIG WARM SPRINGS
 40-44.70 N 112-39.90 W BIG WARM SPRINGS
 40-44.70 N 112-39.90 W BIG WARM SPRINGS
 40-44.70 N 112-39.90 W BIG WARM SPRINGS
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 40-44.70 N 112-39.90 W BIG WARM SPRINGS
 40-44.70 N 112-39.90 W BIG WARM SPRINGS
 40-44.70 N 112-39.90 W BIG WARM SPRINGS
 40-44.70 N 112-39.90 W BIG WARM SPRINGS
 40-47.2 N 112- 3.54 W BONNEVILLE-ON-THE HILL
 40-48.7 N 112-04.3 W BONNEVILLE-ON-THE HILL
 40-45.8 N 112-01.7 W BONNEVILLE-ON-THE HILL
 40-46.1 N 112-01.9 W BONNEVILLE-ON-THE HILL
 40-48.7 N 112- 4.80 W BONNEVILLE-ON-THE HILL
 40-47.94 N 112-04.1 W BONNEVILLE-ON-THE HILL
 40-45.84 N 112-01.2 W BONNEVILLE-ON-THE HILL
 40-49.1 N 112-04.5 W BONNEVILLE-ON-THE HILL
 40-48.7 N 112-04.3 W BONNEVILLE-ON-THE HILL
 40-48.42 N 112- 4.14 W BONNEVILLE-ON-THE HILL
 40-48.54 N 112- 3.42 W BONNEVILLE-ON-THE-HILL
 40-38.82 N 112-22.00 W CASSITY, E.
 40-10.26 N 112-25.5 W DAVIS, R.
 40-32.22 N 112-44.82 W DESERET LIVESTOCK
 40-33.9 N 112-44.5 W DESERET LIVESTOCK SO.
 40-33.33 N 112-44.34 W DESERET LIVESTOCK SOUTH
 40-44.70 N 112- 0.36 W FOX, L.
 40-47.5 N 112-00.5 W GILLMORE, C. F.
 40-47.5 N 112-00.5 W GILLMORE, C. F.
 40-30.82 N 112-31.45 W GRANTSVILLE WARM SPRINGS
 40-45.9 N 112-47.28 W HAMMOND, C.

TOOELE 0017499 31.
 TOOELE 0017498 29.5
 TOOELE 0017194 23.9
 TOOELE 0017342
 TOOELE 0017344
 TOOELE 0017343
 TOOELE 0017351 18.3
 TOOELE 0017350
 TOOELE 0017349
 TOOELE 0017348
 TOOELE 0017347
 TOOELE 0017346
 TOOELE 0017345
 SALT LAKE 0017515 25.
 SALT LAKE 0017510 20.
 SALT LAKE 0017522 26.6
 SALT LAKE 0017516 24.4
 SALT LAKE 0017512 23.
 SALT LAKE 0017513 22.7
 SALT LAKE 0017521 26.
 SALT LAKE 0017508 24.
 SALT LAKE 0017509 22.
 SALT LAKE 0017511 24.
 SALT LAKE 0017514 23.
 TOOELE 0017161 22.8
 TOOELE 0017227 20.0
 TOOELE 0017205 23.9
 TOOELE 0017206 22.7
 TOOELE 0017204 21.7
 SALT LAKE 0017048 21.7
 SALT LAKE 0017064 25.0
 SALT LAKE 0017065 25.
 TOOELE 0017649 24.4
 TOOELE 0017199 26.6

40-50.77 N 112-01.7 W IRVINE, R. L.	SALT LAKE	0017060	26.6
40-50.77 N 112-01.7 W IRVINE, R. L.	SALT LAKE	0017059	26.1
40-50.77 N 112-01.7 W IRVINE, R. L.	SALT LAKE	0017063	20.0
40-46.98 N 112-00.94 W JEREMY E.J.	SALT LAKE	0017061	27.2
40-47.10 N 112- 0.90 W JEREMY, E. J.	SALT LAKE	0017483	28.
40-47.10 N 112- 0.90 W JEREMY, E. J.	SALT LAKE	0017482	28.5
40-19.98 N 112- 5.10 W KENNECOTT COPPER	SALT LAKE	0017520	21.
40-43.96 N 112-10.46 W KENNECOTT COPPER	SALT LAKE	0017525	26.
40-43.02 N 112- 0.60 W KENNECOTT COPPER	SALT LAKE	0017502	22.7
40-44.16 N 112-10.3 W KENNECOTT COPPER	SALT LAKE	0017504	27.2
40-44.17 N 112-10.11 W KENNECOTT COPPER	SALT LAKE	0017524	21.6
40-44.16 N 112-10.3 W KENNECOTT COPPER	SALT LAKE	0017503	27.7
40-39.6 N 112-17.8 W KENNECOTT COPPER CORP.	TOOELE	0017160	30.0
40-43.44 N 112- 0.36 W KLEIN, F. G.	SALT LAKE	0017517	23.
40-51.36 N 112- 2.34 W LAKEFRONT GUN CLUB	SALT LAKE	0017485	22.
40-51.36 N 112- 2.34 W LAKEFRONT GUN CLUB	SALT LAKE	0017486	26.5
40-44.78 N 112- 0.36 W LDS CHURCH PIONEER STAKE	SALT LAKE	0017050	21.7
40-36.1 N 112-24.30 W LEMMON, NELDO	TOOELE	0017162	22.7
40-23.8 N 112-24.2 W MORGANS WARM SPRING	TOOELE	0017642	24.
40-23.8 N 112-24.2 W MORGANS WARM SPRING	TOOELE	0017643	26.7
40-35.82 N 112-24.36 W MORTENSEN, M.	TOOELE	0017163	21.1
40-46.08 N 112- 6.06 W MORTON SALT	SALT LAKE	0017047	22.2
40-46.08 N 112- 6.06 W MORTON SALT	SALT LAKE	0017046	21.1
40-46.86 N 112-10.68 W MORTON SALT	SALT LAKE	0017043	26.1
40-46.7 N 112-10.50 W MORTON SALT	SALT LAKE	0017484	25.5
40-46.14 N 112- 6.06 W MORTON SALT CO.	SALT LAKE	0017523	22.
40-36.85 N 112-42.51 W NO. HORSESHOE	TOOELE	0017201	22.7
40-39.36 N 112-54.44 W REDLUM	TOOELE	0017203	21.1
40-23.40 N 112-25.44 W RUSSELLS WARM SPRING	TOOELE	0017644	21.7
40-36.80 N 112-42.55 W SO. HORSESHOE	TOOELE	0017202	22.7
40-31.16 N 112-19.80 W TOOELE CITY	TOOELE	0017166	21.7
40-43.98 N 112-37.4 W UNNAMED	TOOELE	0017197	23.3
40-42.06 N 112-34.62 W UNNAMED SPRING	TOOELE	0017198	20.0
40-37.4 N 112-42.1 W UNNAMED SPRING	TOOELE	0017200	22.2
40-47.28 N 112- 0.90 W UNNAMED SPRING	SALT LAKE	0017497	29.
40-45.33 N 112-00.4 W UTAH POWER AND LIGHT CO.	SALT LAKE	0017067	20.0
40-37.62 N 112-30.1 W WORTHINGTON, J. R.	TOOELE	0017165	20.
40-37.62 N 112-31.20 W WORTHINGTON, J. R.	TOOELE	0017164	20.0
40-42.66 N 112- 2.04 W YOUNG, K. W.	SALT LAKE	0017496	21.5
40-42.66 N 112- 2.04 W YOUNG, K. W.	SALT LAKE	0017495	21.
40-43.35 N 113-58.74 W BONNEVILLE LTD DBW NO. 13	TOOELE	0017288	24.5
40-46.32 N 113-57.86 W BONNEVILLE LTD. #13	TOOELE	0017397	24.5
40-47.54 N 113-56.07 W BONNEVILLE LTD. #24	TOOELE	0017396	28.
40-45.60 N 113-59.48 W BONNEVILLE LTD. NO. 5	TOOELE	0017286	31.
40-41.83 N 113-59.51 W BONNEVILLE, LTD. 8W NO. 8	TOOELE	0017289	28.
40-47.2 N 113-56.67 W BUREAU OF LAND MANAGEMENT (KAISER FW20)	TOOELE	0017285	24.
40-41.22 N 113-46.4 W BUREAU OF LAND MANAGEMENT (KAISER K65)	TOOELE	0017398	21.
40-39.12 N 113-57.60 W DBW NO. 1	TOOELE	0017291	43.
40-36.28 N 113-57.24 W DBW NO.3	TOOELE	0017292	88.
40-40.99 N 113-59.67 W KAISER DBW 8	TOOELE	0017297	28.
40-41.94 N 113-58.56 W KAISER DBW 9	TOOELE	0017296	30.
40-45.82 N 113-58.98 W KAISER FW7A	TOOELE	0017295	24.
40-41.83 N 113-59.51 W KAISER WELL DBW 7	TOOELE	0017290	28.

ELKO 1:250,000

40-30.12 N 114-02.28 W BLUE LAKE SPRING

TOOELE 0017293 29.

OGDEN 1:250,000

41-45.87 N 111-50.60 W BECKSTEAD, A.A. WELL	CACHE	0017096	24.0
41-46.70 N 111-51.32 W BENSON IRRIGATION COMPANY WELL	CACHE	0017092	21.0
41-46.63 N 111-50.87 W BENSON IRRIGATION COMPANY WELL	CACHE	0017088	54.9
41-46.55 N 111-50.87 W BENSON IRRIGATION COMPANY WELL	CACHE	0017089	21.0
41-46.78 N 111-50.32 W BODRERO, D. WELL	CACHE	0017090	20.0
41-53.03 N 111-56.37 W BROWN, N. WELL	CACHE	0017608	49.
41-51.00 N 111-53.18 W CACHE VALLEY DAIRY WELL	CACHE	0017606	21.
41- 2.34 N 111-39.24 W COMO WARM SPRING	MORGAN	0017653	25.
41-02.3 N 111-39.24 W COMO WARM SPRINGS	MORGAN	0017652	26.7
41-48.58 N 111-55.70 W CRONQUIST, H.C. WELL	CACHE	0017607	21.
41-54.82 N 111-57.42 W GANCHEFF, D.J. SPRING	CACHE	0017611	31.
41-45.10 N 111-51.62 W GOSSNER CHEESE WELL	CACHE	0017105	23.0
41-44.73 N 111-51.78 W GOSSNER, E. WELL	CACHE	0017106	20.0
41-00.82 N 111-57.02 W HARRIS, W. WELL	DAVIS	0017402	20.0
41-08.45 N 111-58.85 W HILL AFB WELL NO. 2	DAVIS	0017174	Q 20.0
41-06.27 N 111-59.60 W HILL AFB WELL NO. 5	DAVIS	0017408	Q 22.
41-45.12 N 111-50.80 W KEARL, L. WELL	CACHE	0017103	21.0
41-45.18 N 111-50.72 W LDS WELFARE FARM WELL	CACHE	0017102	23.0
41-45.01 N 111-50.80 W LISONBEE, C. WELL	CACHE	0017104	21.0
41-45.50 N 111-50.72 W LOGANA PLUNGE WELL	CACHE	0017101	25.0
41-45.50 N 111-50.72 W LOGANA PLUNGE WELL	CACHE	0017100	24.0
41-47.27 N 111-56.20 W NUTTALL, J.L. WELL	CACHE	0017107	21.0
41-14.14 N 111-55.42 W OGDEN HOT SPRINGS	WEBER	0017328	58.3
41-14.14 N 111-55.42 W OGDEN HOT SPRINGS	WEBER	0017421	57.2
41-14.14 N 111-55.42 W OGDEN HOT SPRINGS	WEBER	0017327	
41-14.14 N 111-55.42 W OGDEN HOT SPRINGS	WEBER	0017329	
41-19.68 N 111-49.56 W PATIO SPRING	WEBER	0017654	20.
41-45.75 N 111-50.88 W PEART, W. WELL	CACHE	0017097	25.0
41-01.17 N 111-57.72 W ROUCHE, L. WELL	DAVIS	0017400	20.
41-49.87 N 111-49.47 W SEAMONS, N.B. WELL	CACHE	0017108	23.0
41-45.60 N 111-49.95 W SEARS, F. WELL	CACHE	0017098	27.0
41-01.17 N 111-58.17 W SMITH, C.D. WELL	DAVIS	0017401	24.
41-45.33 N 111-49.02 W STETLER, F. WELL	CACHE	0017099	26.0
41-46.42 N 111-50.17 W TAYLOR, C. WELL	CACHE	0017091	22.0
41-50.70 N 111-54.43 W TOOMBS, W.W. WELL	CACHE	0017610	28.
41-50.70 N 111-54.43 W TOOMBS, W.W. WELL	CACHE	0017609	28.
41-13.50 N 111-59.15 W UTAH BY PRODUCTS	WEBER	0017422	24.0
41- 9.96 N 111-59.10 W WASHINGTON TRCE	WEBER	0017413	21.
41-10.5 N 111-59.76 W WDWCD RIVERDALE	WEBER	0017414	21.
41-45.80 N 111-51.82 W WENNERGREN, C. WELL	CACHE	0017094	24.0
41-46.03 N 111-51.80 W WENNERGREN, C. WELL	CACHE	0017093	23.0
41-45.70 N 111-52.00 W WENNERGREN, C. WELL	CACHE	0017095	23.0

BRIGHAM CITY 1:250,000

41-38.73 N 112-11.07 W ANDERSON, L.	BOX ELDER	0017080	28.0
41-49.98 N 112-27.24 W BLUE CREEK SPRINGS	BOX ELDER	0017601	26.5
41-49.98 N 112-27.24 W BLUE CREEK SPRINGS	BOX ELDER	0017602	28.

41-10.85 N 112-08.52 W BYINGTON, H. J.
 41-34.47 N 112-10.62 W CHESAPEAKE DUCK CLUB
 41-34.90 N 112-10.62 W CHESAPEAKE DUCK CLUB
 41-14.28 N 112-24.78 W COMPTON
 41-14.34 N 112-24.66 W COMPTON SPRING
 41-54.06 N 112-59.94 W COYOTE WARM SPRING
 41-54.06 N 112-59.94 W COYOTE WARM SPRING
 41-44.90 N 112-05.22 W CRYSTAL (MADSENS) HOT SPRING
 41-44.90 N 112-05.22 W CRYSTAL (MADSENS) HOT SPRING
 41-39.60 N 112- 5.10 W CRYSTAL (MADSENS)HOT SPRING
 41-39.60 N 112- 5.10 W CRYSTAL (MADSENS)HOT SPRING
 41-39.60 N 112- 5.10 W CRYSTAL (MADSENS)HOT SPRING
 41-50.04 N 112- 3.36 W CUTLER WARM SPRING
 41-41.62 N 112-04.92 W DAVIS I
 41-13.26 N 112-03.0 W DEFRIES, L.
 41-17.64 N 112-11.36 W GEORGE EAST NO. 1
 41-03.88 N 112-13.87 W GSL AUTHORITY WELL
 41-03.88 N 112-13.87 W GSL AUTHORITY WELL
 41-03.88 N 112-13.87 W GSL AUTHORITY WELL
 41-03.88 N 112-13.87 W GSL AUTHORITY WELL
 41-17.65 N 112-13.7 W GSLM & C CORP NO. 11
 41-18.0 N 112-13.3 W GSLM & C CORP. NO. 10
 41-18.07 N 112-13.18 W GSLM & C CORP. NO. 12
 41-18.06 N 112-13.0 W GSLM & C CORP. NO. 13
 41-18.3 N 112-13.38 W GSLM & C CORP. NO. 14
 41-18.3 N 112-13.38 W GSLM & C CORP. NO. 15
 41-18.00 N 112-13.2 W GSLM & C CORP. NO. 3
 41-18.00 N 112-13.2 W GSLM & C CORP. NO. 4
 41-18.00 N 112-13.2 W GSLM & C CORP. NO. 5
 41-17.94 N 112-13.3 W GSLM & C CORP. NO. 7
 41-17.9 N 112-13.3 W GSLM & C CORP. NO. 8
 41-17.82 N 112-13.1 W GSLM & C CORP. NO. 9
 41-18.18 N 112-13.3 W GSLM & C CORP. NO.6
 41-57.96 N 112-52.56 W HANNA, GARY
 41-12.05 N 112-05.48 W HAWKES, C.C. WELL
 41-08.22 N 112-10.52 W HOOPER HOT SPRINGS
 41-08.22 N 112-10.52 W HOOPER HOT SPRINGS
 41-08.22 N 112-10.52 W HOOPER HOT SPRINGS
 41-08.22 N 112-10.52 W HOOPER HOT SPRINGS
 41-16.82 N 112-13.05 W JACOB, R. M.
 41-16.4 N 112-10.08 W JACOB, R. M.
 41-37.44 N 112-10.68 W JEPPEPERSON
 41-46.20 N 112-10.50 W KING, L.
 41-20.46 N 112- 3.96 W LDS CHURCH
 41-40.22 N 112-15.45 W LITTLE MOUNTAIN WARM SPRING
 41-14.98 N 112-12.84 W MARGUARDT ACFT
 41-37.14 N 112-32.76 W NATIONAL PARK SERVICE
 41-37.14 N 112-32.76 W NATIONAL PARK SERVICE
 41-49.08 N 112-27.36 W NESSEN, L. D.
 41-10.50 N 112- 9.60 W PARKER, R. F.
 41-10.92 N 112-06.4 W PENMAN, E.
 41-20.22 N 112-03.84 W PENTON, R. G.
 41-27.06 N 112-26.34 W POULSEN, V. S.
 41-26.82 N 112-27.24 W POULSEN, V. S.

DAVIS 0017417 20.
 BOX ELDER 0017074 74.0
 BOX ELDER 0017075 42.0
 BOX ELDER 0017225 21.0
 BOX ELDER 0017637 21.5
 BOX ELDER 0017279 43.5
 BOX ELDER 0017278 43.
 BOX ELDER 0017082 55.5
 BOX ELDER 0017081 53.5
 BOX ELDER 0017341
 BOX ELDER 0017340 51.1
 BOX ELDER 0017339
 BOX ELDER 0017392 23.
 BOX ELDER 0017073 107.
 WEBER 0017170 Q 20.0
 WEBER 0017175 20.0
 DAVIS 0017410 24.
 DAVIS 0017412 21.
 DAVIS 0017411 23.
 DAVIS 0017409 24.0
 WEBER 0017432 34.0
 WEBER 0017438 34.
 WEBER 0017436 34.
 WEBER 0017441 34.
 WEBER 0017167 39.0
 WEBER 0017431 38.
 WEBER 0017433 25.
 WEBER 0017434 25.
 WEBER 0017435 30.
 WEBER 0017437 34.
 WEBER 0017439 30.
 WEBER 0017440 29.
 WEBER 0017168
 BOX ELDER 0017277 20.5
 DAVIS 0017415 22.
 DAVIS 0017325 47.8
 DAVIS 0017324 54.4
 DAVIS 0017176 60.
 DAVIS 0017321 60.
 WEBER 0017425 25.
 WEBER 0017426 22.
 BOX ELDER 0017389 25.0
 BOX ELDER 0017071 20.0
 BOX ELDER 0017429 24.
 BOX ELDER 0017079 42.
 WEBER 0017427 22.
 BOX ELDER 0017640 22.5
 BOX ELDER 0017641 21.5
 BOX ELDER 0017603 20.5
 WEBER 0017418 24.
 WEBER 0017416 22.
 BOX ELDER 0017430 25.
 BOX ELDER 0017226 20.0
 BOX ELDER 0017639 22.

41-12.42 N 112- 4.08 W PREVEDEL, D.	WEBER	0017423	20.
41- 9.84 N 112-09.2 W RHEAD, T. W.	WEBER	0017420	22.2
41- 9.84 N 112-09.2 W RHEAD, T. W.	WEBER	0017419	24.
41- 9.24 N 112-18.84 W RICHARDS, H.	WEBER	0017169	Q 20.0
41-08.22 N 112-10.95 W SOUTHWEST HOOPER WARM SPRINGS	DAVIS	0000741	32.2
41-34.62 N 112-14.10 W STINKING HOT SPRINGS	BOX ELDER	0017391	47.5
41-34.62 N 112-14.10 W STINKING HOT SPRINGS	BOX ELDER	0017338	
41-34.62 N 112-14.10 W STINKING HOT SPRINGS	BOX ELDER	0017337	51.1
41-34.62 N 112-14.10 W STINKING HOT SPRINGS	BOX ELDER	0017336	51.1
41-34.62 N 112-14.16 W STINKING HOT SPRINGS	BOX ELDER	0017335	
41-34.62 N 112-14.10 W STINKING HOT SPRINGS	BOX ELDER	0017390	48.
41-58.08 N 112-28.98 W STOKES, DELORIS	BOX ELDER	0017604	20.5
41-13.20 N 112- 1.44 W STRATFORD, G. E.	WEBER	0017171	20.0
41-59.88 N 112-53.04 W TAYLOR, C.	BOX ELDER	0017282	20.
41-58.68 N 112-52.80 W TAYLOR, C.	BOX ELDER	0017276	22.
41-59.58 N 112-54.42 W TAYLOR, E.	BOX ELDER	0017283	21.5
41-59.58 N 112-54.42 W TAYLOR, E.	BOX ELDER	0017284	16.
41-59.16 N 112-32.16 W TOLMAN, R. W.	BOX ELDER	0017605	20.5
41-45.42 N 112-23.94 W TOWN OF HOWELL	BOX ELDER	0017228	Q 20.0
41-57.82 N 112-09.08 W TOWN OF PLYMOUTH	BOX ELDER	0017085	29.0
41-51.18 N 112- 9.54 W UDY HOT SPRINGS	BOX ELDER	0017394	43.
41-56.40 N 112-09.37 W UDY HOT SPRINGS	BOX ELDER	0017072	43.0
41-56.40 N 112-09.37 W UDY HOT SPRINGS (INDIAN POOL)	BOX ELDER	0017087	43.0
41-51.18 N 112- 9.30 W UDY HOT SPRINGS (MORNING GLORY POOL)	BOX ELDER	0017393	51.
41-56.52 N 112-09.37 W UDY HOT SPRINGS (RIVER POOLS)	BOX ELDER	0017086	46.0
41-19.92 N 112-24.30 W UNNAMED SPRING	BOX ELDER	0017638	25.
41-40.32 N 112-15.60 W UNNAMED SPRING	BOX ELDER	0017077	26.0
41-43.74 N 112-32.40 W UNNAMED SPRING	BOX ELDER	0017600	Q 20.5
41-40.42 N 112-15.60 W UNNAMED SPRING	BOX ELDER	0017076	24.5
41-43.70 N 112-17.17 W UNNAMED SPRING	BOX ELDER	0017084	22.0
41-20.32 N 112-01.86 W UTAH HOT SPRINGS	WEBER	0017330	
41-20.32 N 112-01.86 W UTAH HOT SPRINGS	WEBER	0017333	57.2
41-20.32 N 112-01.86 W UTAH HOT SPRINGS	WEBER	0017331	
41-20.32 N 112-01.86 W UTAH HOT SPRINGS	BOX ELDER	0017334	58.3
41-20.32 N 112-01.86 W UTAH HOT SPRINGS	WEBER	0017332	
41-17.13 N 112-10.97 W WAYMENT, E.J. WELL	DAVIS	0017424	21.
41-21.66 N 112- 3.66 W WELLS & LARKIN	BOX ELDER	0017428	24.
41-25.44 N 112- 4.08 W WILLARD BAY GUN CLUB	BOX ELDER	0017395	20.
41-49.50 N 113-15.60 W CARTER, L. G.	BOX ELDER	0017631	25.
41-49.50 N 113-15.60 W CARTER, L. G.	BOX ELDER	0017399	25.
41-48.48 N 113-19.68 W CARTER, W. R.	BOX ELDER	0017633	21.
41-49.92 N 113-39.18 W HEAD SPRING	BOX ELDER	0017636	21.
41-33.84 N 113-57.24 W KIMBER (ROSE) SPRING	BOX ELDER	0017466	20.
41-33.24 N 113-54.66 W KIMBER, B. C.	BOX ELDER	0017237	20.0
41- 6.48 N 113-23.10 W L. W. KELLER CORP. WELL #2	BOX ELDER	0017650	22.
41-49.20 N 113-18.60 W LARSON, C. D.	BOX ELDER	0017632	21.
41-49.98 N 113-23.46 W PUGSLEY, R. R.	BOX ELDER	0017635	23.
41-49.08 N 113-18.54 W RICHARDSON, E. M.	BOX ELDER	0017634	23.
41-34.86 N 113-54.54 W TANNER, MERLIN	BOX ELDER	0017236	20.0
41-41.16 N 113-58.92 W WARBURTON, M.	BOX ELDER	0017238	42.0
41-36.78 N 113-36.78 W WARM SPRING #2	BOX ELDER	0017629	20.
41-45.48 N 113-36.18 W WARM SPRING 1	BOX ELDER	0017630	26.5
42- 0.00 N 112-52.80 W LEE, J. E.	BOX ELDER	0017281	24.
42- 0.00 N 112-52.80 W LEE, J. E.	BOX ELDER	0017280	

APPENDIX D

Sources for the records in the GEOTHERM sample file for Utah. Each reference is preceded by the abbreviated reference (called CODE) used in the sample file (Table 1). Entries in this computer-generated appendix are sorted by CODE. Those CODES which begin and end with "*" are for references which were unpublished data and have entries in this appendix. Unpublished CODES will precede those for published sources.

CODE = *PARRY, 1976*

*PARRY, W. T., 1976, UNIVERSITY OF UTAH, SALT LAKE, VERBAL COMMUNICATION TO COSNER AND APPS, OCT. 12.

CODE = *WITHAM AND REED, 1976*

*WITHAM, R., AND REED, M., 1976, GEOTHERMAL WELLS IN THE UNITED STATES: U.S. GEOLOGICAL SURVEY, 31 P.

CODE = BAKER, 1970

BAKER, C. H., JR., 1970, WATER RESOURCES OF THE HEBER-KAMAS-PARK CITY AREA, NORTH CENTRAL UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 27, 79 P.

CODE = BAKER, 1974

BAKER, C. H., JR., 1974, WATER RESOURCES OF THE CURLEW VALLEY DRAINAGE BASIN, UTAH AND IDAHO: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 45, 91 P.

CODE = BJORKLUND AND MCGREEVY, 1973

BJORKLUND, L. J., AND MCGREEVY, L. J., 1973, SELECTED HYDROLOGIC DATA, LOWER BEAR RIVER DRAINAGE BASIN, BOX ELDER COUNTY, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 23, 22 P.

CODE = BJORKLUND AND OTHERS, 1977

BJORKLUND, L. J., SUMSION, C. T., AND SANDBERG, G. W., 1977, SELECTED HYDROLOGIC DATA, PAROWAN VALLEY AND CEDAR CITY VALLEY DRAINAGE BASIN, IRON COUNTY, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 28, 55 P.

CODE = BJORKLUND, 1967

BJORKLUND, L. J., 1967, GROUND-WATER RESOURCES OF NORTHERN JUAB VALLEY, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 17, 69 P.

CODE = BOLKE AND PRICE, 1972

BOLKE, E. L., AND PRICE, DON, 1972, HYDROLOGIC RECONNAISSANCE OF THE BLUE CREEK VALLEY AREA, BOX ELDER COUNTY, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 37, 38 P.

CODE = BOLKE AND WADDELL, 1972A

BOLKE, E. L. AND WADDELL, K. M., 1972, GROUND-WATER CONDITIONS IN THE EAST SHORE AREA, BOX ELDER, DAVIS, AND WEBER COUNTIES, UTAH, 1960-69: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 35, 59 P.

CODE = BOLKE AND WADDELL, 1972B

BOLKE, E. L. AND WADDELL, K. M., 1972B, WATER QUALITY DATA FOR THE FLAMING GORGE RESERVOIR AREA, UTAH AND WYOMING, 1969-72: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 24, 50 P.

CODE = CARPENTER AND OTHERS, 1964

CARPENTER, C. H., ROBINSON, G. B., AND BJORKLUND, L. J., 1964, SELECTED HYDROLOGIC DATA, UPPER SEVIER RIVER BASIN, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA REPORT NO. 8, 29 P.

CODE = CARPENTER AND YOUNG, 1963

CARPENTER, C. H., AND YOUNG, R. A., 1963, GROUND-WATER DATA, CENTRAL SEVIER VALLEY, PARTS OF SANPETE, SEVIER, AND PIUTE COUNTIES, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA REPORT NO. 3, 34 P.

CODE = CONROY AND FIELDS, 1977

CONROY, L. S., AND FIELDS, F. K., 1977, CLIMATOLOGIC AND HYDROLOGIC DATA, SOUTHEASTERN UINTA BASIN, UTAH AND COLORADO, WATER YEARS 1975 AND 1976: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 29, 244 P.

CODE = CORDOVA AND OTHERS, 1972

CORDOVA, R. M., SANDBERG, G. W., AND MCCONKIE, WILSON, 1972, GROUND-WATER CONDITIONS IN THE CENTRAL VIRGIN RIVER BASIN, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 40, 64 P.

CODE = CORDOVA, 1969

CORDOVA, R. M., 1969, SELECTED HYDROLOGIC DATA, SOUTHERN UTAH AND GOSHEN VALLEYS, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 16, 35 P.

CODE = COSNER AND APPS, 1978

COSNER, S. R., AND APPS, J. A., 1978, COMPILATION OF DATA ON FLUIDS FROM GEOTHERMAL RESOURCES IN THE UNITED STATES: BERKELEY, UNIVERSITY OF CALIFORNIA, LAWRENCE BERKELEY LABORATORY REPORT 5936, 108 P.

CODE = DENNIS AND OTHERS, 1946

DENNIS, P. E., MAXEY, G. B., AND THOMAS, H. E., 1946, GROUND WATER IN PAVANT VALLEY, MILLARD COUNTY, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 3, 96 P.

CODE = DOYURAN, 1972

DOYURAN, VEDAT, 1972, GEOLOGY AND GROUND-WATER RESOURCES OF OGDEN VALLEY, UTAH: PH. D. THESIS, UNIVERSITY OF UTAH, 135 P.

CODE = FELTIS, 1966

FELTIS, R. D., 1966, WATER FROM BEDROCK IN THE COLORADO PLATEAU OF UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 15, 79 P.

CODE = FELTIS, 1967

FELTIS, R. D., 1967, GROUND-WATER CONDITIONS IN CEDAR VALLEY, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 16, 31 P.

CODE = FETH AND OTHERS, 1966

FETH, J. H., BARKER, D. A., MOORE, L. G., BROWN, R. J., AND VEIRS, C. E., 1966, LAKE BONNEVILLE, HYDROLOGY OF THE WEBER DELTA DISTRICT, INCLUDING OGDEN, UTAH: U. S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 518, 76 P.

CODE = GATES, 1963

GATES, J., S., 1963, SELECTED HYDROLOGIC DATA, TOOELE VALLEY, TOOELE COUNTY, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA REPORT NO. 7, 23 P.

CODE = GOODE AND FELTIS, 1962

GOODE, H. D., AND FELTIS, R. D., 1962, WATER PRODUCTION FROM OIL WELLS OF THE UINTA BASIN, UINTAH AND DUCHESNE COUNTIES, UTAH: UTAH WATER RESOURCES BULLETIN NO. 1, 32 P.

CODE = GOODE, 1978

GOODE, H. D., 1978, THERMAL WATERS OF UTAH: UTAH GEOLOGICAL AND MINERAL SURVEY REPORT OF INVESTIGATION NO. 129, 183 P.

CODE = HELY AND OTHERS, 1967

HELY, A. G., MOWER, R. W., AND HERR, C. A., 1967, HYDROLOGIC AND CLIMATOLOGIC DATA, 1966, SALT LAKE COUNTY, UTAH: UTAH BASIC-DATA RELEASE NO. 13, 85 P.

CODE = HELY AND OTHERS, 1968

HELY, A. G., MOWER, R. W., AND HERR, C. A., 1968, HYDROLOGIC AND CLIMATOLOGIC DATA, 1967, SALT LAKE COUNTY, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 15, 74 P.

CODE = HOOD AND OTHERS, 1969

HOOD, J. W., PRICE, DON, AND WADDELL, K. H., 1969, HYDROLOGIC RECONNAISSANCE OF RUSH VALLEY, TOOELE COUNTY, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 23, 63 P.

CODE = HOOD AND OTHERS, 1976

HOOD, J. W., MUNDORFF, J. C., AND PRICE, DON, 1976, SELECTED HYDROLOGIC DATA, UINTA BASIN AREA, UTAH AND COLORADO: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 26, 321 P.

CODE = HOOD AND PRICE, 1970

HOOD, J. W., AND PRICE, DON, 1970, HYDROLOGIC RECONNAISSANCE OF GROUSE CREEK VALLEY, BOX ELDER COUNTY, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 29, 54 P.

CODE = HOOD AND RUSH, 1965

HOOD, J. W., AND RUSH, F. E., 1965, WATER-RESOURCES APPRAISAL OF THE SNAKE VALLEY AREA, UTAH AND NEVADA: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 14, 40 P.

CODE = HOOD AND WADDELL, 1968

HOOD, J. W., AND WADDELL, K. M., 1968, HYDROLOGIC RECONNAISSANCE OF SKULL VALLEY, TOOELE COUNTY, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 18, 57 P.

CODE = HOOD, 1971

HOOD, J. W., 1971, HYDROLOGIC RECONNAISSANCE OF THE PARK VALLEY AREA, BOX ELDER COUNTY, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 30, 51 P.

CODE = HOOD, 1972

HOOD, J. W., 1972, HYDROLOGIC RECONNAISSANCE OF THE PROMONTORY MOUNTAINS AREA, BOX ELDER COUNTY, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 38, 42 P.

CODE = IORNS AND OTHERS, 1966A

IORNS, W. V., MOWER, R. W., AND HERR, C. A., 1966A, HYDROLOGIC AND CLIMATOLOGIC DATA COLLECTED THROUGH 1964, SALT LAKE COUNTY, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 11, 91 P.

CODE = IORNS AND OTHERS, 1966B

IORNS, W. V., MOWER, R. W., AND HERR, C. A., 1966B, HYDROLOGIC AND CLIMATOLOGIC DATA 1965, SALT LAKE COUNTY, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 12, 84 P.

CODE = LEE, 1908

LEE, W. T., 1908, WATER RESOURCES OF BEAVER VALLEY, UTAH: U.S. GEOLOGICAL SURVEY WATER-SUPPLY PAPER NO. 217, 57 P.

CODE = LINES, 1978

LINES, G. C., 1978, SELECTED GROUND-WATER DATA, BONNEVILLE SALT FLATS AND PILOT VALLEY, WESTERN UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 30, 14 P.

CODE = MARINE AND PRICE, 1963

MARINE, I. W. AND PRICE, DON, 1963, SELECTED HYDROLOGIC DATA, JORDAN VALLEY, SALT LAKE COUNTY, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA REPORT NO. 4, 30 P.

CODE = MARINE, 1960

MARINE, I. W., 1960, GEOLOGY AND GROUND-WATER RESOURCES OF JORDAN VALLEY, UTAH: PH. D. THESIS, UNIVERSITY OF UTAH, 202 P.

CODE = MARINER AND OTHERS, 1977A

MARINER, R. H., PRESSER, T. S., AND EVANS, W. C., 1977A, CHEMICAL, ISOTOPIC, AND GAS COMPOSITIONS OF SELECTED THERMAL SPRINGS IN ARIZONA, NEW MEXICO, AND UTAH: U.S. GEOLOGICAL SURVEY OPEN-FILE REPORT 77-654, 42 P.

CODE = MCGREEVY AND BJORKLUND, 1970

MCGREEVY, L. J., AND BJORKLUND, L. J., 1970, SELECTED HYDROLOGIC DATA, CACHE VALLEY, UTAH AND IDAHO: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 21, 51 P.

CODE = MEINZER, 1911

MEINZER, O. E., 1911, GROUND WATER IN JUAB, MILLARD, AND IRON COUNTIES, UTAH: U. S. GEOLOGICAL SURVEY WATER-SUPPLY PAPER NO. 277, 162 P.

CODE = MOWER AND CORDOVA, 1974

MOWER, R. W., AND CORDOVA, R. M., 1974, WATER RESOURCES OF THE MILFORD AREA, UTAH, WITH EMPHASIS ON GROUND WATER: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 43, 106 P.

CODE = MOWER AND FELTIS, 1964

MOWER, R. W., AND FELTIS, R. D., 1964, GROUND-WATER DATA, SEVIER DESERT, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA REPORT NO. 9, 34 P.

CODE = MOWER, 1963

MOWER, R. W., 1963, SELECTED HYDROLOGIC DATA, PAVANT VALLEY, MILLARD COUNTY, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA REPORT NO. 5, 20 P.

CODE = MUNDORFF, 1970

MUNDORFF, J. C., 1970, MAJOR THERMAL SPRINGS OF UTAH: UTAH WATER RESOURCES BULLETIN NO. 13, 60 P.

CODE = PARRY, 1976

PARRY, W. T., BENSON, N. L., MILLER, C. D., 1976, GEOCHEMISTRY AND HYDROTHERMAL ALTERATION AT SELECTED UTAH HOT SPRINGS: SALT LAKE, UNIVERSITY OF UTAH, FINAL REPORT, VOLUME 3, 131 P.

CODE = PARRY AND CLEARY, 1978

PARRY, W. T., AND CLEARY, M., 1978, NA-K-Ca AND SiO_2 TEMPERATURE ESTIMATES FOR UTAH SPRING AND WELL WATERS: FINAL REPORT VOLUME 78-1 UNDER U. S. GEOLOGICAL SURVEY CONTRACT 14-08-0001-G-341.

CODE = PETERSEN, 1973

PETERSEN, C. A., 1973, ROOSEVELT AND THERMO HOT SPRINGS, BEAVER COUNTY, UTAH, IN: GEOLOGY OF THE MILFORD AREA 1973, UTAH GEOLOGICAL ASSOCIATION PUBLICATION 3, P. 73-74.

CODE = PHILLIPS, 1976

PHILLIPS PETROLEUM COMPANY, 1976, SELECTED WATER ANALYSES OF ROOSEVELT KGRA, 1 P.

CODE = RICHARDSON, 1907

RICHARDSON, G. B., 1907, UNDERGROUND WATER IN SANPETE AND CENTRAL SEVIER VALLEYS, UTAH: U. S. GEOLOGICAL SURVEY WATER-SUPPLY PAPER NO. 199, 63 P.

CODE = ROBINSON, 1968

ROBINSON, G. B., JR., 1968, SELECTED HYDROLOGIC DATA, SAN PITCH RIVER DRAINAGE BASIN, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA RELEASE NO. 14, 44 P.

CODE = RUSH, 1977

RUSH, F. E., 1977, SUBSURFACE TEMPERATURE DATA FOR SOME WELLS IN WESTERN UTAH: U.S. GEOLOGICAL SURVEY OPEN-FILE REPORT 77-132, 36 P.

CODE = SANDBERG, 1963

SANDBERG, G. W., 1963, GROUND-WATER DATA BEAVER, ESCALANTE, CEDAR CITY, AND PAROWAN VALLEYS PARTS OF WASHINGTON, IRON, BEAVER, AND MILLARD COUNTIES, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA REPORT NO. 6, 26 P.

CODE = SAXON, 1972

SAXON, F. C., 1972, WATER-RESOURCE EVALUATION OF MORGAN VALLEY, MORGAN COUNTY, UTAH: M. S. THESIS, UNIVERSITY OF UTAH, 118 P.

CODE = SMITH, 1961

SMITH, R. E., 1961, RECORDS AND WATER-LEVEL MEASUREMENTS OF SELECTED WELLS AND CHEMICAL ANALYSES OF GROUND WATER, EAST SHORE AREA, DAVIS, WEBER, AND BOX ELDER COUNTIES, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA REPORT NO. 1, 35 P.

CODE = STEPHENS, 1974A

STEPHENS, J.C., 1974A, HYDROLOGIC RECONNAISSANCE OF THE NORTHERN GREAT SALT LAKE DESERT AND SUMMARY HYDROLOGIC RECONNAISSANCE OF NORTHWESTERN UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 42, 55 P.

CODE = STEPHENS, 1974B

STEPHENS, J.C., 1974B, HYDROLOGIC RECONNAISSANCE OF THE WAH WAH VALLEY DRAINAGE BASIN, MILLARD AND BEAVER COUNTIES, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 47, 53 P.

CODE = STEPHENS, 1977

STEPHENS, J. C., 1977, HYDROLOGIC RECONNAISSANCE OF THE TULE VALLEY DRAINAGE BASIN, JUAB AND MILLARD COUNTIES, UTAH: UTAH DEPARTMENT OF NATURAL RESOURCES TECHNICAL PUBLICATION NO. 56, 37 P.

CODE = SUBITZKY, 1962

SUBITZKY, SEYMOUR, 1962, RECORDS OF SELECTED WELLS AND SPRINGS, SELECTED DRILLERS' LOGS OF WELLS AND CHEMICAL ANALYSES OF GROUND AND SURFACE WATERS NORTHERN UTAH VALLEY, UTAH COUNTY, UTAH: U.S. GEOLOGICAL SURVEY, UTAH BASIC-DATA REPORT NO. 2, 14 P.

CODE = SWANBERG AND OTHERS, 1977

SWANBERG, C. A., MORGAN, P., STOYER, C. H., AND WITCHER, J. C., 1977,
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