

SELECTED HYDROLOGIC DATA FOR THE BONNEVILLE SALT FLATS AND PILOT VALLEY, WESTERN UTAH, 1991-93

**By James L. Mason, William C. Brothers, Linda J. Gerner,
and Pamela S. Muir**

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CONVERSION FACTORS, VERTICAL DATUM, AND ABBREVIATED WATER-QUALITY UNITS

Multiply	By	To obtain
acre	0.4047	hectare
foot	0.3048	meter
mile	1.609	kilometer
square mile	2.590	square kilometer

Degree Celsius ($^{\circ}\text{C}$) may be converted to degree Fahrenheit ($^{\circ}\text{F}$) by using the following equation:

$$^{\circ}\text{F} = 9/5(^{\circ}\text{C}) + 32.$$

Degree Fahrenheit ($^{\circ}\text{F}$) may be converted to degree Celsius ($^{\circ}\text{C}$) by using the following equation:

$$^{\circ}\text{C} = 5/9(^{\circ}\text{F} - 32).$$

Sea level: In this report, “sea level” refers to the National Geodetic Vertical Datum of 1929—a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

Chemical concentration and water temperature are reported only in metric units. Chemical concentration in water is reported in milligrams per liter (mg/L). Milligrams per liter is a unit expressing the solute per unit volume (liter) of water. One thousand milligrams per liter is equivalent to 1 gram per liter. For concentrations less than 7,000 milligrams per liter, the numerical value is about the same as for concentrations in parts per million. For concentrations much larger than 7,000 milligrams per liter, the concentration in milligrams per liter must be divided by water density to obtain the equivalent concentration in parts per million. Density of water in grams per milliliter (g/mL) at 20°C is obtained by adjusting specific-gravity measurements with corresponding temperature.

Radioactivity is reported in picocuries per liter (pCi/L), which is the amount of radioactive decay producing 2.2 disintegrations per second in a unit volume (liter) of water. One tritium unit (TU), the more commonly used unit for tritium, is equivalent to 3.2 picocuries per liter.

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INTRODUCTION

From 1991 through 1993, hydrologic data were collected by the U.S. Geological Survey, Water Resources Division, in cooperation with the U.S. Department of the Interior, Bureau of Land Management. The area of study is in western Utah and includes the Bonneville Salt Flats and Pilot Valley. Located on the western edge of the Great Salt Lake Desert near the Nevada border (fig. 1), the study area consists of two playas that are composed mostly of lacustrine sediments that are remnants of Lake Bonneville. The Bonneville Salt Flats playa has a large, perennial salt crust; the Pilot Valley playa has a thin, ephemeral salt crust. These playas are separated by the Silver Island Mountains, which define the northwestern edge of the Bonneville Salt Flats.

Mineral production on the Bonneville Salt Flats began in the early 1900's, when common salt was extracted from the salt crust. Potash production from ground-water brine began in 1917 when supplies from Germany were interrupted during World War I. Since that time, mineral production from ground-water brine has developed to include production from private lands and Federal and State mineral leases. In 1963, Federal and State mineral leases east of the salt crust were granted, and these leases were in production during the data-collection period.

The Bonneville Salt Flats have been used for years by automobile racers drawn by the smooth, flat, hard surface. Crews filming television commercials and feature films also make extensive use of the area for its contrast of white salt against vast, blue horizons. A steady shrinkage of the salt crust and a deterioration of its surface have been reported by a number of interested parties in the past. Most of the study area is on public lands administered by the Bureau of Land Management, and questions concerning the conditions of the salt crust prompted the Bureau of Land Management to begin an investigation to determine the processes involved in the transport of salt.

The purpose of this report is to make data collected and compiled during the current study available to the public and land managers. Much of the data were collected from existing observation wells installed dur-

ing previous studies. Data collected during these studies are reported in Turk (1969, 1973) and Lines (1978, 1979). During the current study, 52 additional monitoring wells were drilled and completed in the shallow-brine aquifer of the Bonneville Salt Flats within 23 feet of the surface. On the Bonneville Salt Flats playa, 5 wells were drilled and completed in the underlying basin-fill aquifer to a depth of 63 feet. Seventeen deeper monitoring wells were drilled and completed in the underlying basin-fill and alluvial-fan aquifers of the Bonneville Salt Flats, and one well was completed to a depth of 103 feet on the Pilot Valley playa. Fourteen of these wells were nested. Four nests of three wells and one nest of two wells were completed at varying depths in the same borehole. Depth of these wells varied from 74 to 495 feet. Data presented in this report include well-completion data (where available), water levels in wells, and temperature and specific gravity of the ground water. Samples of brine for chemical and isotope analysis were obtained from wells, two surface-water sites, and pore fluid contained in the subsurface clays. Results of these analyses also are included in this report.

Data were collected from usable, previously existing monitoring wells and new monitoring wells completed during 1990-93. The numbering system used for hydrologic-data sites in Utah is explained in figure 2. Location of monitoring wells on the Bonneville Salt Flats is shown in figure 3. Location of two weather stations also is shown in figure 3. Location of data-collection sites for chemical and isotopic analyses of brine from wells, cores, and surface-water sites on the Bonneville Salt Flats is shown in figure 4. Location of monitoring wells used for water levels and sampling of brine for chemical analysis in Pilot Valley is shown in figure 5. A hydrograph of the water level in well (B-1-17)31acc-1, located on the salt crust of the Bonneville Salt Flats and equipped with a recorder, is shown in figure 6.

The flat and featureless character of the two playas make locations difficult to determine. Location and altitude of the monitoring wells used during this study were determined by the Bureau of Land Management using global positioning techniques as described by Fiedler (1992). The latitudes and longitudes reported in

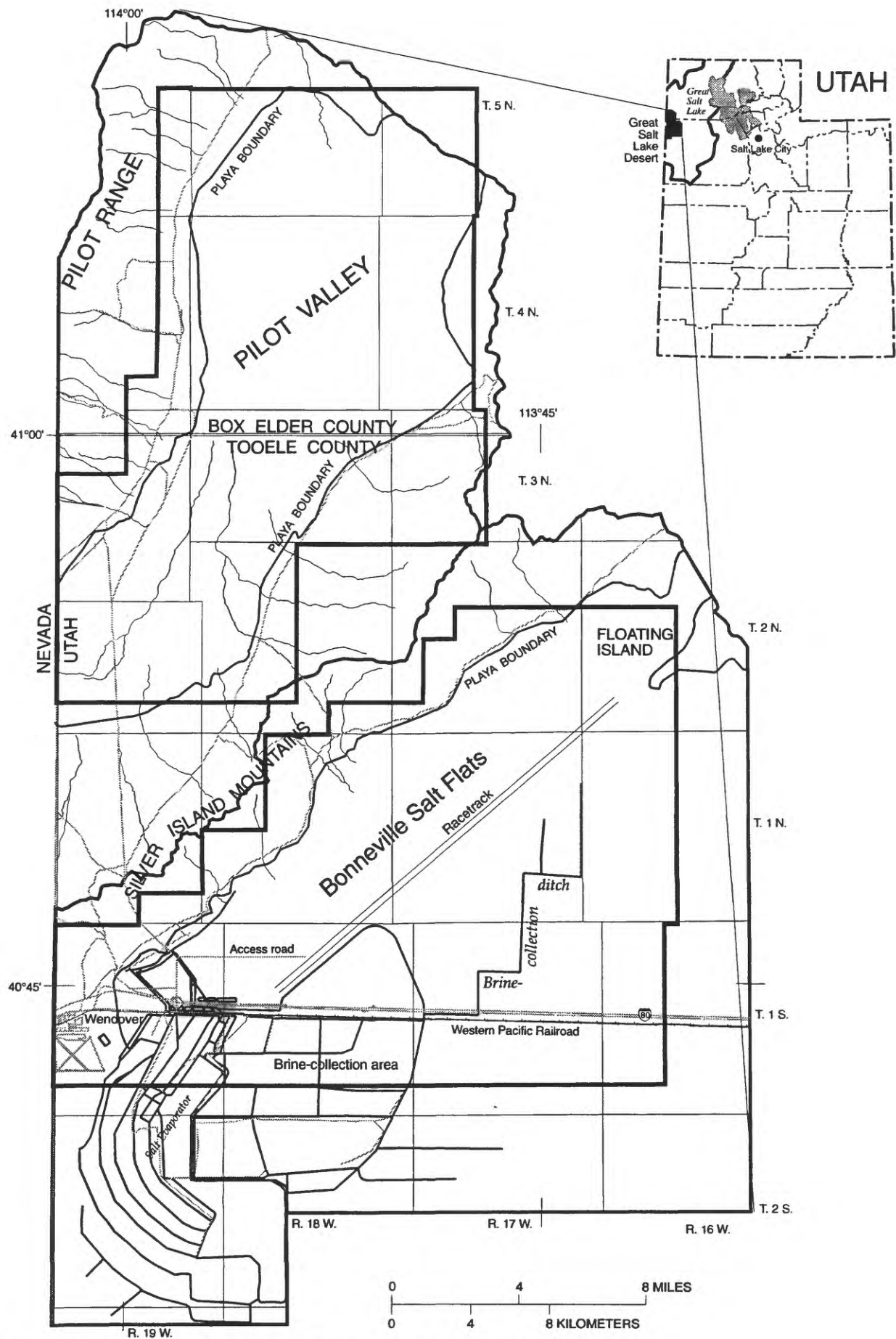
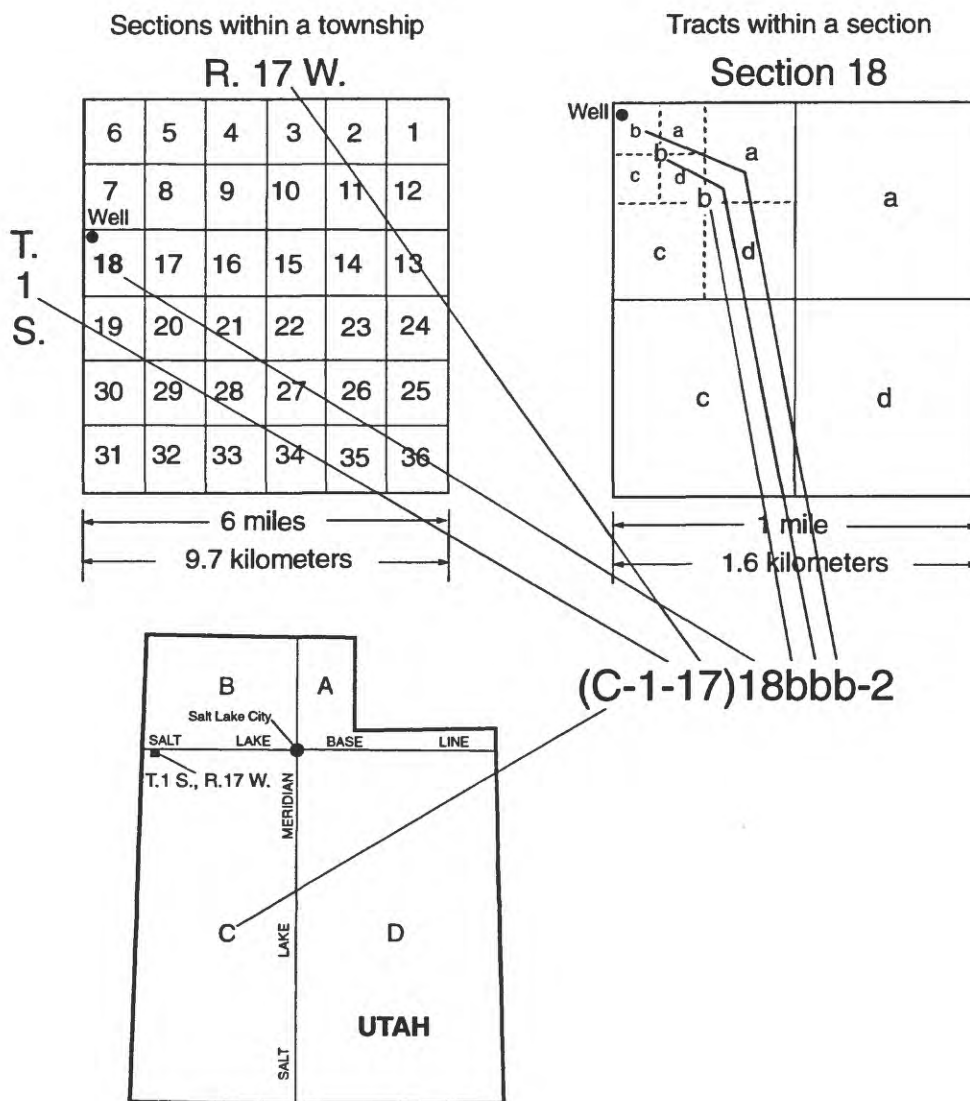


Figure 1. Location of the Bonneville Salt Flats and Pilot Valley study area, Utah.

The system of numbering wells in Utah is based on the cadastral land-survey system of the U.S. Government. The number, in addition to designating the well, describes its position in the land net. The land-survey system divides the State into four quadrants separated by the Salt Lake Base Line and the Salt Lake Meridian. These quadrants are designated by the uppercase letters A, B, C, and D, indicating the northeast, northwest, southwest, and southeast quadrants, respectively. Numbers designating the township and range, in that order, follow the quadrant letter, and all three are enclosed in parentheses. The number after the parentheses indicates the section and is followed by three letters indicating the quarter section, the quarter-quarter section, and the quarter-quarter-quarter section—generally 10 acres for a regular section¹. The lowercase letters a, b, c, and d indicate, respectively, the northeast, northwest, southwest, and southeast quarters of each subdivision. The number after the letters is the serial number of the well within the 10-acre tract. A number having all three quarter designations but no serial number indicates a miscellaneous data site other than a well, such as a location for a core sample. Thus, (C-1-17)18bbb-2 designates the second well constructed or visited in the northwest 1/4 of the northwest 1/4 of section 18, T. 1 S., R. 17 W.



¹Although the basic land unit, the section, is theoretically 1 square mile, many sections are irregular in size and shape. Such sections are subdivided into 10-acre tracts, generally beginning at the southeast corner, and the surplus or shortage is taken up in the tracts along the north and west sides of the section.

Figure 2. Numbering system used for hydrologic-data sites in Utah.

EXPLANATION

Canal

Type of site sampled

- Shallow monitoring well completed to a depth of 25 feet or less. Number by symbol indicates number of wells represented if more than one
- Monitoring well completed to a depth of 63 feet or more

Multiple monitoring wells completed at different depths within a single borehole. Number by symbol indicates number of wells represented

Weather station

Multiple data-collection site. Symbols in parentheses indicate type of data-collection sites at this location

Inset (shown at 200% scale)

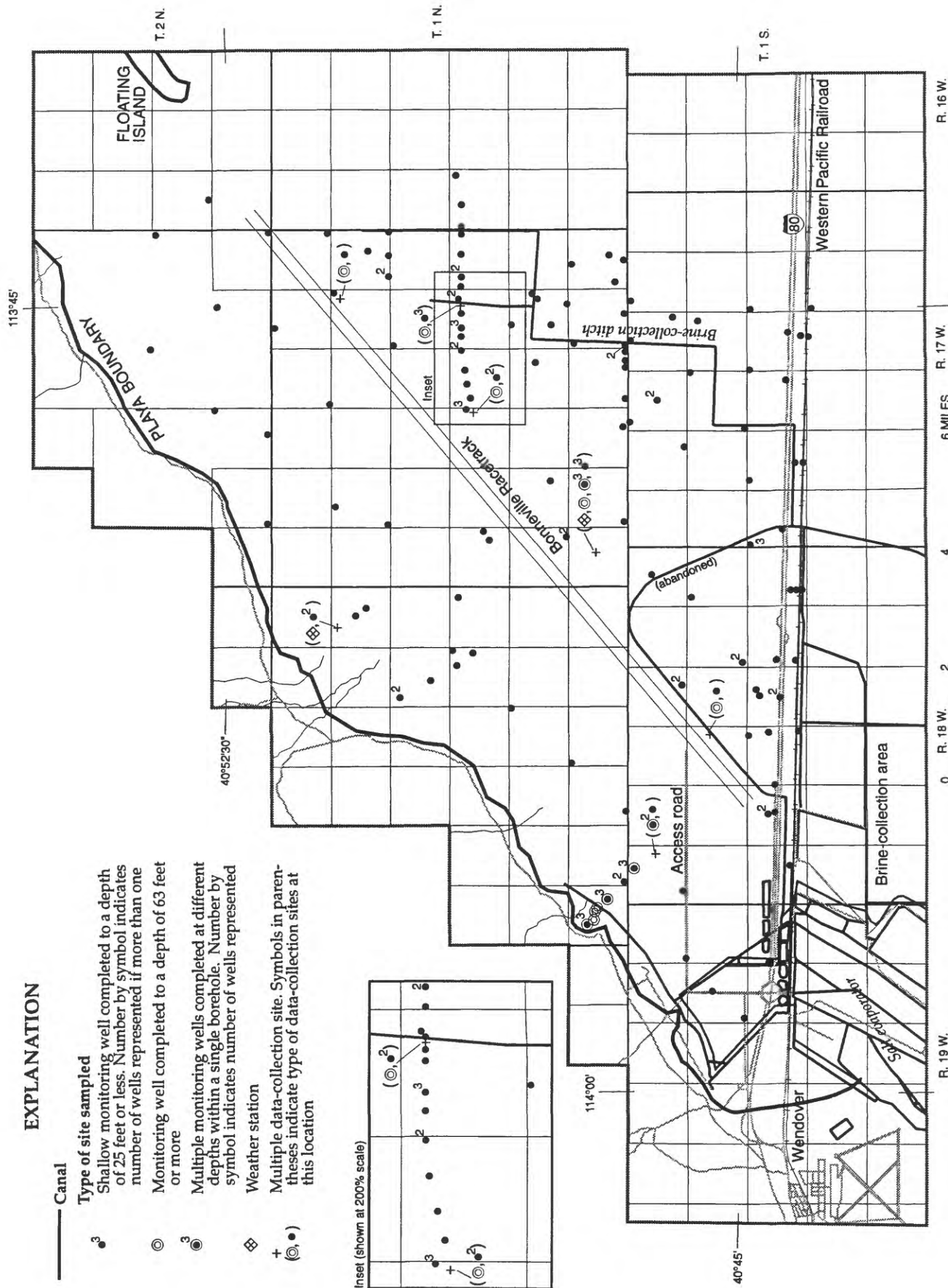
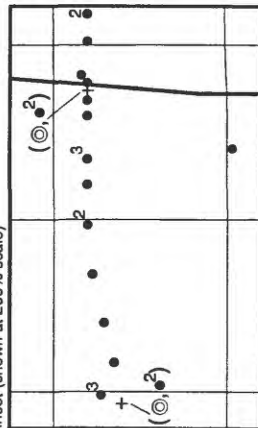


Figure 3. Location of weather stations and wells used for water-level measurements, Bonneville Salt Flats, Utah.

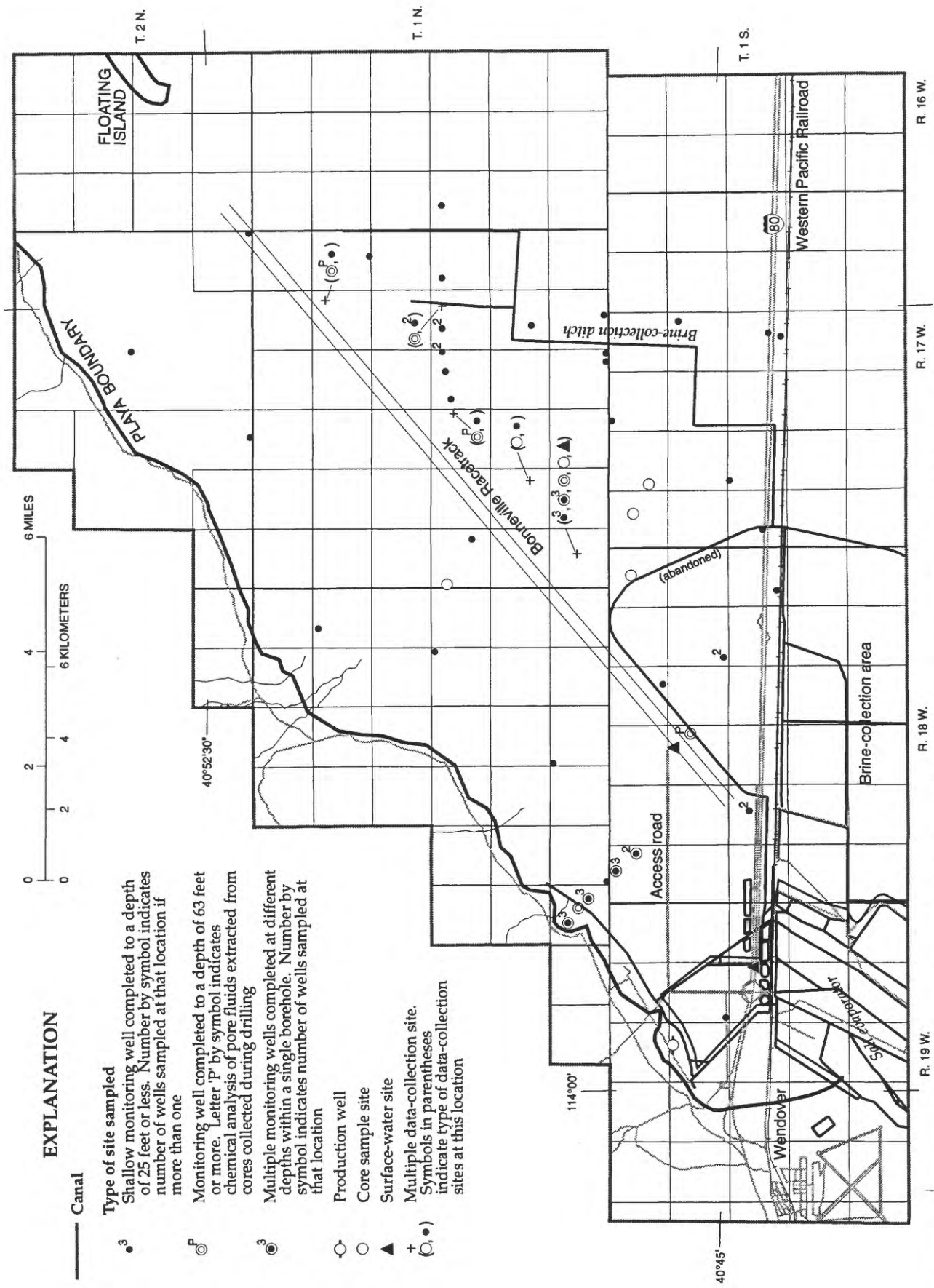


Figure 4. Location of data-collection sites used for chemical analyses of brine, Bonneville Salt Flats, Utah.

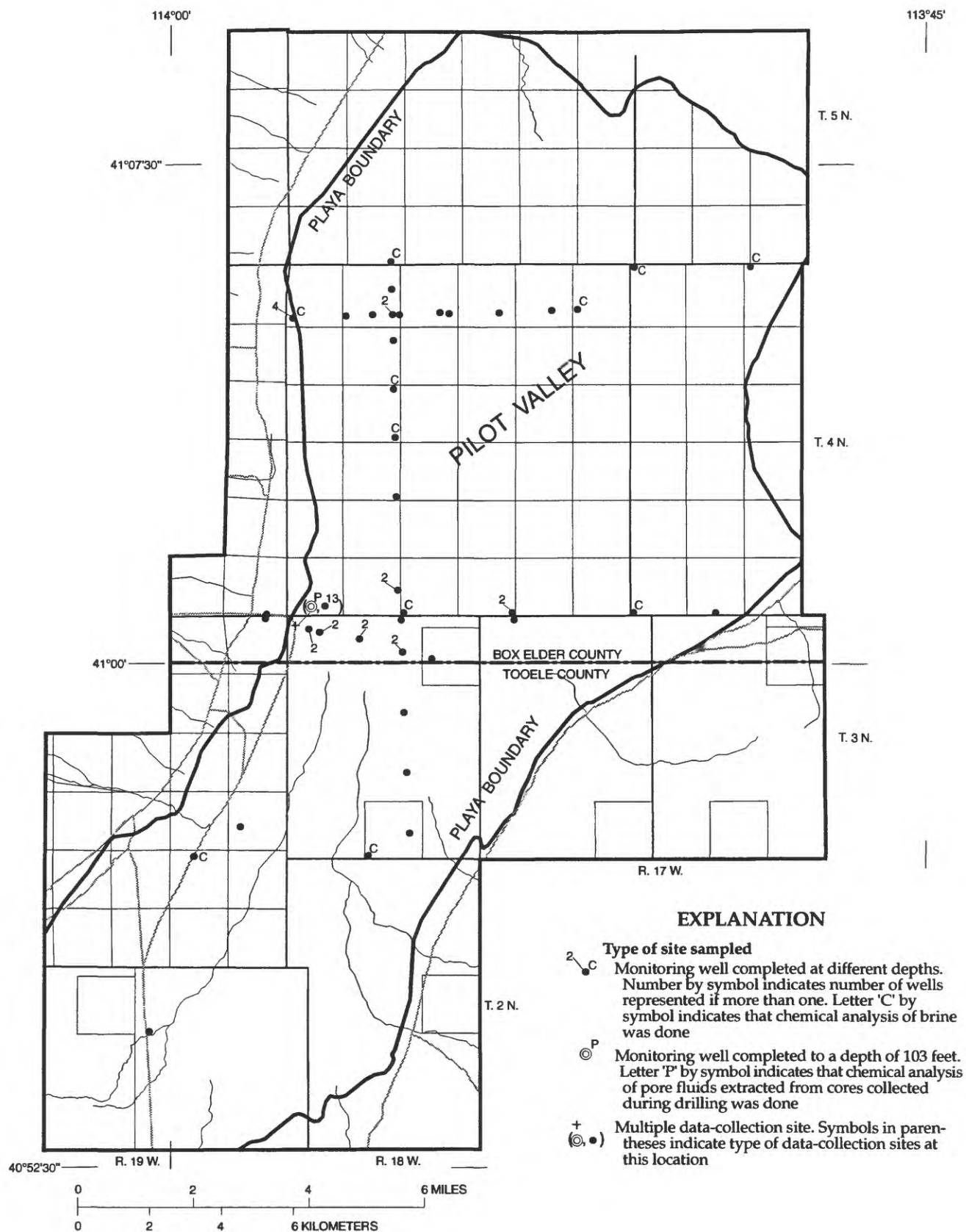


Figure 5. Location of selected wells used for water-level measurements and chemical analyses of brine, Pilot Valley, Utah.

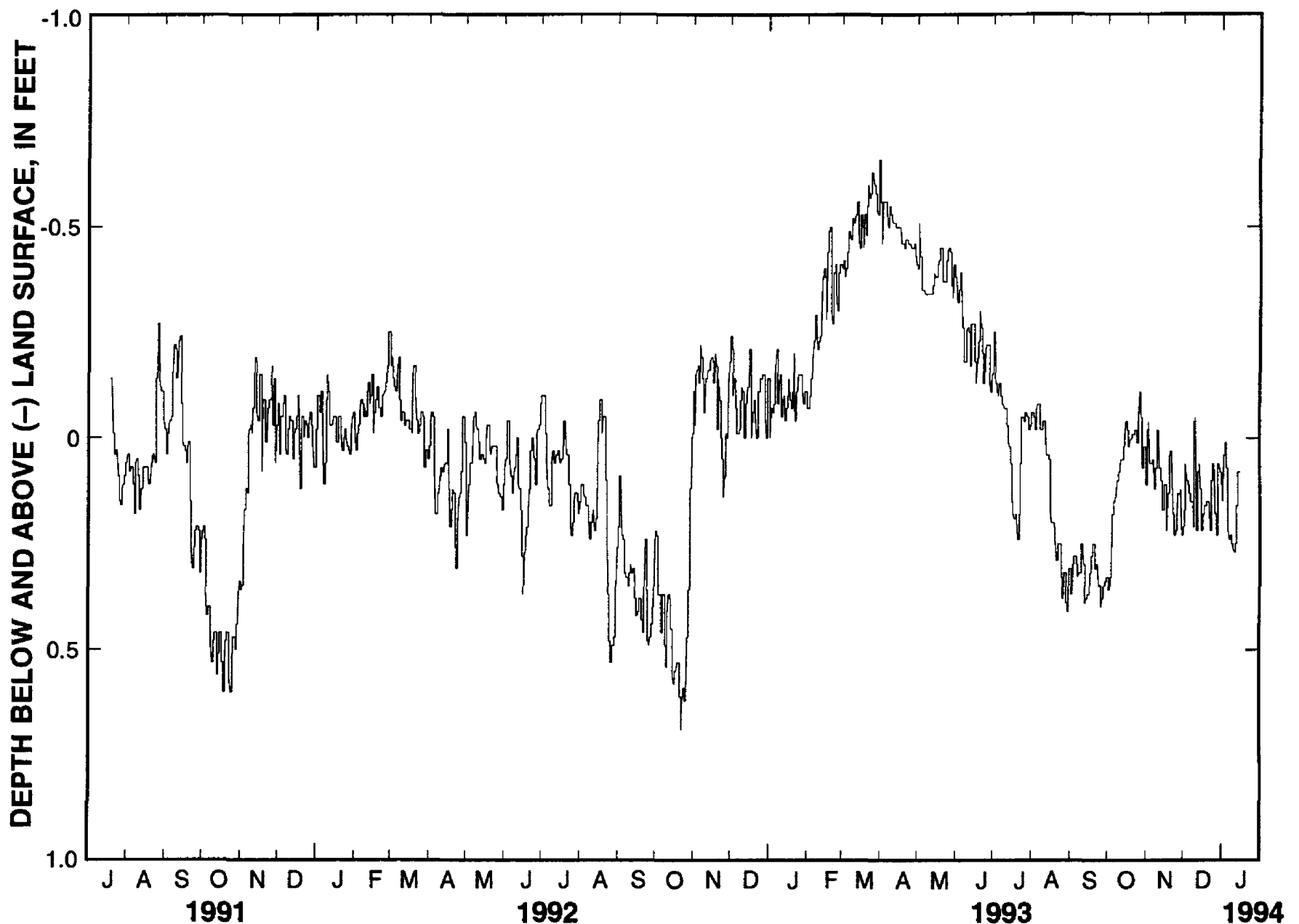


Figure 6. Water-level fluctuations in well (B-1-17)31acc-1, located on the salt crust of Bonneville Salt Flats, Utah.

table 1 are believed to be more accurate than those previously determined using more conventional survey methods. As a result of improved accuracy in latitude and longitude, several local well numbers, which are based on the cadastral land-survey system of the U.S. Government (fig. 2), have been changed for previously existing wells. Well-identification numbers established by the Bureau of Land Management during their survey and any other identifying numbers known to have been used in previous studies also are listed in table 1.

Well-completion data, including landowner, year completed, depth drilled, casing diameter and depth, and finish type and interval, are listed in table 2 for monitoring wells completed during 1990-93. Well data also are listed for previously existing wells for which information was available. Measured depths of previously existing wells also are presented in table 2. These depths were measured to help identify previously existing wells and to determine the degree of sedimentation inside the well casing.

The water level of each monitoring well was measured periodically and is listed in table 3. Temperature and specific gravity were measured and the data are included in table 3 to enable the user of these data to adjust water levels by compensating for variations in density. Water level was measured from a fixed measuring point on the top of the well casing. The height of the measuring point is the distance from the measuring point to land surface. Water level is reported in table 3 as above (-) or below (+) land surface. Water level with respect to land surface was calculated by subtracting the height of the measuring point, which was established the first time the well was measured, from the measurement. The measuring point of a well is assumed to be constant through time, whereas the surface of the salt crust was observed to rise and decline. These fluctuations are the result of dissolution and precipitation of salt and might approach a few tenths of a foot during extreme seasonal variations. These changes in land-surface altitude are not reported, and the height

of each measuring point was not changed. All water-level measurements are indexed to a fixed altitude and do not reflect the fluctuations at land surface. Most measuring point altitudes were determined by the Bureau of Land Management during the survey completed in conjunction with this study and are reported in table 3.

Brine samples were collected from selected shallow wells (figs. 4 and 5) using a hand-operated, inertial-lift pump. Any standing water in a well casing was removed before a sample was collected. Brine samples were collected from deep wells using a point-source bailer. Temperature, specific gravity, and pH were measured in the field. Samples were analyzed in the laboratory for inorganic constituents, and for some samples, stable hydrogen and oxygen isotopes and/or tritium values also were determined. The field and laboratory results are listed in table 4. Core samples were collected from boreholes using a split-barrel sampler while drilling with a hollow-stem auger or a barrel sampler attached to a hand auger for near-surface cores. Pore fluid extracted in the laboratory from cores was analyzed for inorganic constituents and stable hydrogen and oxygen isotopes. These results are listed in tables 5 and 6.

ACKNOWLEDGMENTS

The cooperation of Reilly Wendover, a division of Reilly Industries, is greatly appreciated. Reilly Wendover granted permission to drill monitoring wells on their property and allowed access to these wells and existing wells for water-level measurements and sampling for chemical analysis.

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- 1973, Hydrogeology of the Bonneville Salt Flats, Utah: *Utah Geological and Mineral Survey, Water Resources Bulletin 19*, 81 p.

Table 1. Identification number and location of selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah

[BLM, Bureau of Land Management; see figure 2 for explanation of numbering system used for hydrologic-data sites in Utah; —, none known; data queried (?) if uncertain]

Local well number: Identification number established from location surveyed by the BLM during 1993.

Previous local well number used: Number used during previous studies that was established from less accurate location data.

BLM survey number: Number assigned to a well during BLM surveys.

Other number used: Other identification number used in previous studies and publications. USGS number, identifies well constructed by the U.S. Geological Survey as reported by Lines (1978, 1979); B number, identifies shallow well constructed by the U.S. Geological Survey Conservation Division during 1981; K number, identifies well constructed and reported by Turk (1969, 1973); PV number, identifies well constructed by the U.S. Geological Survey in Pilot Valley as reported by Lines (1978, 1979).

Location: DMS, degrees, minutes, seconds; latitude and longitude determined during BLM surveys.

Local well number	Previous local well number used	BLM survey number	Other number used	Location	
				Latitude (DMS)	Longitude (DMS)
Bonneville Salt Flats					
(B-1-16)19aaa-1	—	BLM-92	USGS-82	404904	1134235
(B-1-16)19bad-1	—	BLM-91	—	404903	1134303
(B-1-16)19bbc-1	—	BLM-90	—	404903	1134330
(B-1-17)1ddd-1	—	BLM-83	B-19	405058	1134332
(B-1-17)2bab-1	(B-1-17)2bbb-1	BLM-25	USGS-1	405147	1134525
(B-1-17)3ccc-1	(B-1-17)3cca-1	BLM-61	USGS-66	405059	1134653
(B-1-17)8bab-1	—	—	USGS-62	405058	1134842
(B-1-17)8ccc-1	(B-1-17)18baa-1	BLM-64	USGS-63	405006	1134915
(B-1-17)11aaa-2	—	BLM-59	USGS-96	405052	1134447
(B-1-17)11aac-1	(B-1-17)11aaa-1	BLM-60	USGS-2	405051	1134451
(B-1-17)11aac-2	—	BLM-60A	—	405051	1134451
(B-1-17)12ccd-1	(B-1-17)12cca-1	BLM-81	K-24	405007	1134425
(B-1-17)12ccd-2	(B-1-17)12cdc-2	BLM-81A	K-24A	405007	1134426
(B-1-17)12dbd-1	—	BLM-27	K-(?)	405025	1134356
(B-1-17)12dcc-1	(B-1-17)12dcb-1	BLM-28	K-23	405007	1134401
(B-1-17)12ddd-1	(B-1-17)12dda-1	BLM-82	K-22	405007	1134334
(B-1-17)14bbb-1	—	BLM-58A	K-8B	405005	1134548
(B-1-17)19daa-1	(B-1-17)19aaa-4	BLM-43A	USGS- (?)	404842	1134922
(B-1-17)19dac-1	(B-1-17)19aaa-1	BLM-43C	USGS-5	404835	1134924
(B-1-17)21ada-1	—	BLM-80	—	404859	1134659
(B-1-17)21ada-2	—	BLM-80A	—	404859	1134659
(B-1-17)21ada-3	—	BLM-80B	—	404859	1134659
(B-1-17)21add-1	(B-1-17)22bbb-1	BLM-44	USGS-3	404853	1134702
(B-1-17)21add-3	—	BLM-44A	—	404853	1134702
(B-1-17)21add-4	—	BLM-44B	—	404853	1134703
(B-1-17)22aad-1	(B-1-17)22aaa- 1	BLM-48	K-5	404903	1134551
(B-1-17)22aad-2	—	BLM-48A	—	404903	1134551
(B-1-17)22abd-1	—	BLM-47	—	404900	1134614
(B-1-17)22bca-1	—	BLM-45	—	404855	1134646
(B-1-17)22bda-1	—	BLM-46	—	404858	1134630
(B-1-17)23aac-1	(B-1-17)23aab-1	BLM-55	K-6	404903	1134453
(B-1-17)23aac-2	—	BLM-54	—	404903	1134455
(B-1-17)23abc-1	—	BLM-51	—	404903	1134508
(B-1-17)23abd-1	(B-1-17)23aba-1	BLM-53	K-3	404903	1134458
(B-1-17)23abd-2	—	BLM-53A	—	404903	1134458

Table 1. Identification number and location of selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Local well number	Previous local well number used	BLM survey number	Other number used	Location	
				Latitude (DMS)	Longitude (DMS)
Bonneville Salt Flats—Continued					
(B-1-17)23abd-3	—	BLM-53B	—	404903	1134458
(B-1-17)23abd-4	—	BLM-52	—	404903	1134502
(B-1-17)23bac-1	(B-1-17)23bab-1	BLM-50	K-4	404903	1134525
(B-1-17)23bac-2	—	BLM-50A	K-4A	404903	1134524
(B-1-17)23bac-3	—	BLM-50B	—	404903	1134524
(B-1-17)23bbd-1	—	BLM-49	—	404903	1134535
(B-1-17)24aad-1	(B-1-17)24aaa-1	BLM-70	K-18	404903	1134334
(B-1-17)24abc-1	(B-1-17)24abb-1	BLM-69	K-19	404903	1134400
(B-1-17)24bbc-1	—	BLM-56	—	404903	1134440
(B-1-17)24bbd-1	(B-1-17)24bbb-1	BLM-29	K-7	404903	1134426
(B-1-17)24bbd-2	—	BLM-29A	K-7A	404903	1134426
(B-1-17)26adc-1	—	BLM-107	—	404756	1134451
(B-1-17)26add-1	—	BLM-57	K-15	404801	1134445
(B-1-17)26baa-1	—	BLM-68	B-21	404819	1134521
(B-1-17)26cad-1	—	BLM-108	—	404744	1134521
(B-1-17)26ddc-1	—	BLM-106	—	404730	1134457
(B-1-17)27adc-1	—	BLM-67	USGS-11	404758	1134605
(B-1-17)29dac-1	(B-1-17)28bbb-1	BLM-71A	USGS-9	404745	1134821
(B-1-17)30ddc-1	(B-1-17)31aaa-1	BLM-42	USGS-14	404729	1134926
(B-1-17)30ddc-2	(B-1-17)31aaa-2	BLM-42A	USGS-15	404729	1134926
(B-1-17)31acc-1	—	BLM-93	—	404705	1134944
(B-1-17)31acc-2	—	BLM-93B	—	404705	1134944
(B-1-17)31acc-3	—	BLM-93C	—	404705	1134944
(B-1-17)31acc-4	—	BLM-93D	—	404705	1134944
(B-1-17)31acc-5	—	BLM-93F	—	404705	1134944
(B-1-17)31acc-6	—	BLM-93E	—	404705	1134944
(B-1-17)31acc-7	—	BLM-93A	—	404705	1134944
(B-1-17)32ccc-1	(B-1-17)31ddd-1	BLM-39A	USGS-19	404637	1134907
(B-1-17)33dcd-1	—	BLM-40	—	404641	1134719
(B-1-17)34ccd-1	—	BLM-74	—	404637	1134646
(B-1-17)34dcd-1	(B-1-17)34ddd-1 (?)	BLM-32	K-10 (?)	404637	1134611
(B-1-17)34ddc-1	—	BLM-31	—	404637	1134603
(B-1-17)34ddd-1	—	BLM-30C	—	404637	1134553
(B-1-17)35bbb-1	—	BLM-66	B-23	404724	1134543
(B-1-17)35ccc-1	—	BLM-30B	K-9	404637	1134546
(B-1-17)35ccc-2	—	BLM-30	—	404637	1134545
(B-1-17)35dcc-1	—	BLM-100	—	404642	1134506
(B-1-17)36baa-1	—	BLM-105	B-22	404726	1134406
(B-1-17)36ccb-1	—	BLM-102	—	404648	1134432
(B-1-17)36cdd-1	(B-1-17)36ddd-1	BLM-104	USGS-84	404637	1134406

Table 1. Identification number and location of selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Local well number	Previous local well number used	BLM survey number	Other number used	Location	
				Latitude (DMS)	Longitude (DMS)
Bonneville Salt Flats—Continued					
(B-1-17)36dbc-1	—	BLM-103	—	404653	1134401
(B-1-18)12acc-1	—	BLM-132	—	405036	1135057
(B-1-18)12bab-1	(B-1-18)1cdd-1	BLM-22	USGS-44	405052	1135110
(B-1-18)12bab-2	—	BLM-22A	—	405052	1135110
(B-1-18)12dba-1	—	BLM-131	—	405027	1135048
(B-1-18)14bbd-1	(B-1-18)11cdc-1	BLM-21	USGS-45	404957	1135230
(B-1-18)14bbd-2	—	BLM-21A	—	404957	1135230
(B-1-18)14cad-1	—	BLM-135	—	404930	1135211
(B-1-18)23aaa-1	(B-1-18)13ccc-1	BLM-20	USGS-64	404913	1135133
(B-1-18)23aba-1	—	BLM-134	—	404907	1135153
(B-1-18)23add-1	—	BLM-133	—	404853	1135139
(B-1-18)24aac-1	—	BLM-63	—	404906	1135036
(B-1-18)27aaa-1	(B-1-18)22ddd-1	BLM-19	USGS-68	404821	1135242
(B-1-18)31acc-1	—	OW-3	—	404706	1135636
(B-1-18)31acd-1	—	OW-E	—	404704	1135633
(B-1-18)31bda-1	—	OW-1	—	404713	1135651
(B-1-18)31bda-2	—	OW-1	—	404713	1135651
(B-1-18)31bda-3	—	OW-1	—	404713	1135651
(B-1-18)31bdd-1	—	OW-2	—	404707	1135643
(B-1-18)31dac-1	—	OW-4	—	404655	1135622
(B-1-18)31dac-2	—	OW-4	—	404655	1135622
(B-1-18)31dac-3	—	OW-4	—	404655	1135622
(B-1-18)32ccc-1	(B-1-18)31ddd-1	BLM-88A	USGS-72	404637	1135604
(B-1-18)32ccc-2	(B-1-18)31ddd-2	BLM-88	USGS-95	404637	1135604
(B-1-18)33ccd-1	(B-1-18)33cdc-1	BLM-17	USGS-71	404637	1135441
(B-1-18)34bbb-1	(B-1-18)28ddd-1	BLM-18	USGS-69	404728	1135349
(B-2-16)30cdd-1	—	—	USGS-76	405243	1134301
(B-2-17)22ddd-1	(B-2-17)23ccc-1	BLM-86	USGS-77	405336	1134550
(B-2-17)25aaa-1	(B-2-16)19ccc-1	BLM-85	USGS-78	405334	1134332
(B-2-17)32ccc-1	(B-2-17)31ddd-1	BLM-23	USGS-43	405150	1134915
(B-2-17)33aaa-1	(B-2-17)28ddd-1	—	USGS-65	405240	1134700
(B-2-17)33dcc-1	(B-2-17)33cdd-1	BLM-24	USGS-61	405150	1134732
(B-2-17)35aba-1	(B-2-17)35aaa-1	BLM-84	USGS-75	405240	1134458
(B-2-17)36ddd-1	(B-1-17)1aaa-1	BLM-26	USGS-79	405150	1134332
(C-1-17)2bba-1	(C-1-17)2baa-1	BLM-101	K-14	404634	1134454
(C-1-17)3abb-1	—	BLM-99	—	404636	1134541
(C-1-17)3dda-1	—	BLM-98	B-26	404557	1134513
(C-1-17)4acc-1	—	BLM-33A	K-11A	404611	1134649
(C-1-17)4bba-1	(C-1-17)5aaa-1	BLM-41	USGS-21	404635	1134714
(C-1-17)4bdd-1	—	BLM-33	K-11	404611	1134650

Table 1. Identification number and location of selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Local well number	Previous local well number used	BLM survey number	Other number used	Location	
				Latitude (DMS)	Longitude (DMS)
Bonneville Salt Flats—Continued					
(C-1-17)5ddc-1	(C-1-17)5cdc-1	BLM-34	USGS-73	404545	1134741
(C-1-17)9aaa-1	—	BLM-110	B-24	404542	1134617
(C-1-17)9ccc-1	—	BLM-35	B-30	404452	1134724
(C-1-17)10aac-1	—	BLM-97	—	404535	1134517
(C-1-17)14bbb-1	—	BLM-96	B-29	404450	1134507
(C-1-17)15bbb-1	—	BLM-109	B-28	404450	1134614
(C-1-17)15dbd-1	—	BLM-2	B-27	404416	1134531
(C-1-17)15dcc-1	—	BLM-95	—	404405	1134535
(C-1-17)16dac-1	(C-1-17)16dbd-1	BLM-3	USGS-60	404418	1134626
(C-1-17)17bba-1	(C-1-17)8ccc-1	BLM-65	USGS-74	404450	1134821
(C-1-17)17cda-1	—	BLM-126	K-17	404410	1134801
(C-1-17)17cdd-1	(C-1-17)17cad-1	BLM-4	USGS-59	404403	1134801
(C-1-17)18bbb-1	(C-1-18)12ddd-5	BLM-72A	USGS-103	404451	1134936
(C-1-17)18bbb-2	(C-1-18)12ddd-2	BLM-72B	USGS-39	404447	1134933
(C-1-17)18bbb-3	(C-1-18)12ddd-1	BLM-72D	USGS-38	404447	1134937
(C-1-17)18cab-1	—	BLM-6	USGS-37	404421	1134918
(C-1-17)22abb-1	—	BLM-94	—	404358	1134536
(C-1-17)23bbb-1	—	BLM-1	USGS-52	404359	1134502
(C-1-18)1acc-1	—	BLM-38	B-25	404616	1135010
(C-1-18)3dcd-1	—	BLM-16A	USGS-33	404549	1135216
(C-1-18)3dcd-2	—	BLM-16	USGS-34	404549	1135216
(C-1-18)6abb-1	—	BLM-129 (OW-5)	—	404630	1135554
(C-1-18)6abb-2	—	BLM-129 (OW-5)	—	404630	1135554
(C-1-18)6abb-3	—	BLM-129 (OW-5)	—	404630	1135554
(C-1-18)6adc-1	—	OW-6	—	404614	1135532
(C-1-18)6adc-2	—	OW-6	—	404614	1135532
(C-1-18)6adc-3	—	BLM-130	—	404614	1135532
(C-1-18)6ccd-1	—	BLM-127	—	404546	1135615
(C-1-18)9adc-1	—	BLM-15	K-28(?)	404525	1135313
(C-1-18)9adc-2	—	BLM-15A	—	404525	1135313
(C-1-18)11ccd-1	(C-1-18)11ccc-1	BLM-36A	USGS-31	404456	1135145
(C-1-18)11ccd-2	(C-1-18)11ccc-2	BLM-36	USGS-32	404456	1135145
(C-1-18)12bba-1	(C-1-18)1ccc-1	BLM-37	USGS-35	404541	1135036
(C-1-18)13cac-1	—	BLM-125	—	404414	1135028
(C-1-18)13cdb-1	—	BLM-124	—	404409	1135028
(C-1-18)13cdc-1	—	BLM-123	—	404404	1135028
(C-1-18)14cbb-1	—	BLM-8	USGS-29	404424	1135146
(C-1-18)14ccb-1	—	BLM-122	USGS-41	404408	1135148
(C-1-18)15abc-1	—	BLM-73	—	404441	1135228
(C-1-18)15abc-2	(C-1-18)16adc-1	—	K-74	404444	1135221

Table 1. Identification number and location of selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Local well number	Previous local well number used	BLM survey number	Other number used	Location	
				Latitude (DMS)	Longitude (DMS)
Bonneville Salt Flats—Continued					
(C-1-18)15caa-1	—	BLM-113	—	404423	1135230
(C-1-18)15caa-2	—	BLM-113A	—	404423	1135233
(C-1-18)16aab-1	(C-1-18)16aaa-1	—	K-75	404451	1135314
(C-1-18)16ada-1	(C-1-18)16add-1	BLM-10A	K-76	404433	1135310
(C-1-18)16bcc-1	—	BLM-11	B-32	404428	1135411
(C-1-18)16dda-1	(C-1-18)16ddc-1	BLM-120	K-77	404407	1135309
(C-1-18)17acb-1	(C-1-18)17bdb-1	BLM-14	USGS-27	404434	1135442
(C-1-18)17acb-2	(C-1-18)17bdb-4	BLM-13	USGS-101	404434	1135445
(C-1-18)17acc-1	(C-1-18)17bdc-1 (?)	BLM-12	USGS-28 (?)	404428	1135443
(C-1-18)18dbd-1	(C-1-18)18dca-1	BLM-119	USGS-42	404413	1135545
(C-1-19)1ccc-1	(C-1-19)2ddd-1	BLM-128	USGS-47	404546	1135730
(C-1-19)11acc-1	—	BLM-117	—	404523	1135808
(C-1-19)11ccc-1	—	BLM-118	—	404455	1135839
(C-1-19)13bcb-1	—	BLM-116	USGS-54	404433	1135735
Pilot Valley					
(B-2-19)15cdc-1	—	PV1-90	—	405428	1140025
(B-3-18)7ccc-1	—	PV1-1	—	410034	1135731
(B-3-18)7ccc-2	—	PV1-2	—	410034	1135731
(B-3-18)7ccc-3	—	PV1-3	—	410034	1135731
(B-3-18)7ccc-4	—	PV1-4	—	410034	1135731
(B-3-18)7ccc-5	—	PV1-10	—	410034	1135731
(B-3-18)7ccc-6	—	PV1-12	—	410034	1135731
(B-3-18)7ccc-7	—	PV1-14	—	410034	1135731
(B-3-18)7ccc-8	—	PV1-15	—	410034	1135731
(B-3-18)7ccc-9	—	PV1-17	—	410034	1135731
(B-3-18)7ccc-10	—	PV1-45	—	410034	1135731
(B-3-18)7ccc-11	—	PV1-93	—	410034	1135731
(B-3-18)7ccc-12	—	PV1-21	—	410034	1135731
(B-3-18)7ccc-13	—	PV1-23	—	410034	1135731
(B-3-18)7ccc-14	—	PV1-25	—	410034	1135731
(B-3-18)8dcd-1	—	PV1-41	—	410039	1135525
(B-3-18)10dcb-1	(B-3-18)10	PV1-95	PV-3	410042	1135308
(B-3-18)16cba-1	—	PV1-39	—	410004	1135448
(B-3-18)17acd-2	—	PV1-37	—	410010	1135523
(B-3-18)17acd-3	—	PV1-38	—	410010	1135523
(B-3-18)18abd-1	—	PV1-32	—	410022	1135627
(B-3-18)18abd-2	—	PV1-33	—	410022	1135627
(B-3-18)18bba-1	—	PV1-30	—	410028	1135702
(B-3-18)18bba-2	—	PV1-31	—	410028	1135702
(B-3-18)18bbb-1	—	PV1-28	—	410031	1135715

Table 1. Identification number and location of selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Local well number	Previous local well number used	BLM survey number	Other number used	Location	
				Latitude (DMS)	Longitude (DMS)
Pilot Valley—Continued					
(B-3-18)18bbb-2	—	PV1-29	—	410031	1135715
(B-3-18)20acd-1	—	PV1-86	—	405916	1135521
(B-3-18)29acd-1	—	PV1-85	—	405822	1135518
(B-3-18)32ccc-1	(B-2-18)5	PV1-82	PV-8	405703	1135608
(B-3-18)32dab-1	—	PV1-84	—	405727	1135515
(B-3-19)1abb-1	—	PV1-43	—	410043	1135806
(B-3-19)24cba-1	—	PV1-91	—	405733	1135837
(B-3-19)26baa-1	—	PV1-79	PV-6	405706	1135932
(B-4-17)4bbb-1	—	PV1-94	PV-14	410600	1134826
(B-4-17)6bbb-1	—	PV1-92	PV-13	410600	1135044
(B-4-17)31ccc-1	(B-3-18)12	PV1-96	PV-4	410042	1135050
(B-4-17)32dcc-1	(B-3-17)8	PV1-97	PV-5	410042	1134908
(B-4-18)1cbc-1	—	PV1-88	—	410520	1135153
(B-4-18)2dbd-1	—	PV1-87	—	410519	1135224
(B-4-18)3dbd-1	—	PV1-69	—	410517	1135327
(B-4-18)4dbd-1	—	PV1-68	—	410517	1135398
(B-4-18)4ddb-1	—	PV1-67	—	410516	1135427
(B-4-18)5adb-1	—	PV1-71	—	410538	1135536
(B-4-18)5ccb-1	—	PV1-58	—	410514	1135631
(B-4-18)5dcb-1	—	PV1-59	—	410515	1135559
(B-4-18)5dda-1	—	PV1-65	—	410515	1135527
(B-4-18)5ddb-1	—	PV1-60	—	410515	1135535
(B-4-18)5ddb-2	—	PV1-61	—	410515	1135535
(B-4-18)6cca-1	—	PV1-52	—	410512	1135735
(B-4-18)6cca-2	—	PV1-53	—	410513	1135735
(B-4-18)6cca-3	—	PV1-54	—	410513	1135735
(B-4-18)6cca-4	—	PV1-55	—	410513	1135734
(B-4-18)8aad-1	—	PV1-77	—	410452	1135534
(B-4-18)17aaa-1	—	PV1-76	—	410410	1135534
(B-4-18)17ddd-1	—	PV1-75	—	410324	1135532
(B-4-18)20ddd-1	—	PV1-74	—	410227	1135530
(B-4-18)32caa-1	—	PV1-72	—	410106	1135526
(B-4-18)32caa-2	—	PV1-73	—	410106	1135526
(B-4-18)33ccc-1	(B-3-18)8	PV1-40	PV-2	410042	1135525
(B-4-18)34ddd-2	—	PV1-50	—	410034	1135731
(B-4-18)34ddd-3	—	PV1-51	—	410034	1135731
(B-4-19)36dcd-1	—	PV1-42	—	410043	1135806
(B-5-18)32ddc-1	—	PV1-78	—	410603	1135537

Table 2. Well-completion data for selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah

[—, no data available; data queried (?) if uncertain]

Local well number: See figure 2 for explanation of numbering system used for hydrologic-data sites in Utah. See table 1 for other identification numbers used.

Landowner: BLM, Bureau of Land Management; Utah, State of Utah; Reilly, Reilly Industries.

Well depth: Reported: Depth drilled; Measured: 1990-93 measured depth of previously existing well.

Casing: Diameter: Field-measured inside diameter; Depth: Depth below land surface of casing bottom at time of completion; Finish: Type: P, perforated; S, screened; Interval: Depth below land surface of top and bottom of perforated or screened interval, if known, and queried (?) where extent of perforated or screened interval is uncertain.

Local well number	Land-owner	Year completed	Well depth		Casing			
			Reported (feet)	Measured (feet)	Diameter (inches)	Depth (feet)	Type	Finish Interval (feet)
Bonneville Salt Flats								
(B-1-16)19aaa-1	BLM	1976	4.0	3.4	2.5	4.0	P	1.00-4.0
(B-1-16)19bad-1	BLM	1992	7.4	—	1.0	7.4	S	5.0-7.4
(B-1-16)19bbc-1	BLM	1992	10.4	—	1.0	10.4	S	7.9-10.4
(B-1-17)1ddd-1	BLM	1981	—	3.4	2.5	—	—	—
(B-1-17)2bab-1	Utah	1975	19.0	15.0	2.5	19.0	P	9.0-19.0
(B-1-17)3ccc-1	BLM	1976	5.0	4.5	2.5	5.0	P	1.0-5.0
(B-1-17)8bab-1	BLM	1976	9.0	6.8	2.5	9.0	P	4.0-9.0
(B-1-17)8ccc-1	BLM	1976	9.0	9.0	2.5	9.0	P	4.0-9.0
(B-1-17)11aaa-2	BLM	1976	9.0	5.8	2.5	9.0	P	4.0-9.0
(B-1-17)11aac-1	BLM	1975	19.0	5.2	2.5	19.0	P	9.0-19.0
(B-1-17)11aac-2	BLM	1992	63.0	—	2.0	63.0	S	52.5-62.5
(B-1-17)12ccd-1	BLM	1965(?)	23.0	14.6	4.0	—	—	—
(B-1-17)12ccd-2	BLM	1965(?)	19.0	14.3	4.0	—	—	—
(B-1-17)12dbd-1	BLM	1965(?)	—	27.7	4.0	—	—	—
(B-1-17)12dcc-1	BLM	1965(?)	25.0	14.5	4.0	—	—	—
(B-1-17)12ddd-1	BLM	1965(?)	25.0	19.0	4.0	—	—	—
(B-1-17)14bbb-1	BLM	1965(?)	23.0	18.0	4.0	—	—	—
(B-1-17)19daa-1	BLM	1976	9.0	3.5	2.5	9.0	P	4.0-9.0
(B-1-17)19dac-1	BLM	1975	16.0	7.0	2.5	16.0	P	6.0-16.0
(B-1-17)21ada-1	BLM	1992	10.0	—	2.0	10.0	S	8.0-10.0
(B-1-17)21ada-2	BLM	1992	20.0	—	2.0	20.0	S	14.0-19.0
(B-1-17)21ada-3	BLM	1992	6.0	—	2.0	6.0	S	3.0-6.0
(B-1-17)21add-1	BLM	1975	16.0	9.0	2.5	16.0	P	6.0-16.0
(B-1-17)21add-3	BLM	1990	14.0	—	2.0	14.0	S	8.5-13.5
(B-1-17)21add-4	BLM	1992	63.0	—	2.0	63.0	S	52.5-62.5
(B-1-17)22aad-1	BLM	1965(?)	25.0	25.7	4.0	—	—	—
(B-1-17)22aad-2	BLM	1993	7.8	—	2.0	7.8	S	4.8-7.3
(B-1-17)22abd-1	BLM	1990	9.0	—	2.0	9.0	S	3.5-8.5
(B-1-17)22bca-1	BLM	1990	9.0	—	2.0	9.0	S	3.5-8.5
(B-1-17)22bda-1	BLM	1990	9.0	—	2.0	9.0	S	3.5-8.5
(B-1-17)23aac-1	BLM	1965(?)	23.0	13.9	4.0	—	—	—
(B-1-17)23aac-2	BLM	1990	14.0	—	2.0	14.0	S	8.5-13.5
(B-1-17)23abc-1	BLM	1990	9.0	—	2.0	9.0	S	3.5-8.5
(B-1-17)23abd-1	BLM	1965(?)	25.0	14.2	4.0	—	—	—
(B-1-17)23abd-2	BLM	1992	63.0	—	2.0	63.0	S	52.5-62.5

Table 2. Well-completion data for selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Local well number	Land-owner	Year completed	Well depth		Casing			
			Reported (feet)	Measured (feet)	Diameter (inches)	Depth (feet)	Type	Finish Interval (feet)
Bonneville Salt Flats—Continued								
(B-1-17)23abd-3	BLM	1993	7.6	—	2.0	7.6	S	4.6-7.1
(B-1-17)23abd-4	BLM	1990	9.0	—	2.0	9.0	S	3.5-8.5
(B-1-17)23bac-1	BLM	1965(?)	23.0	15.0	4.0	—	—	—
(B-1-17)23bac-2	BLM	1965(?)	23.0	14.5	4.0	—	—	—
(B-1-17)23bac-3	BLM	1993	8.3	—	2.0	8.3	S	5.2-7.7
(B-1-17)23bbd-1	BLM	1990	9.0	—	2.0	9.0	S	3.5-8.5
(B-1-17)24aad-1	BLM	1965(?)	23.0	14.4	4.0	—	—	—
(B-1-17)24abc-1	BLM	1965(?)	23.0	14.0	4.0	—	—	—
(B-1-17)24bbc-1	BLM	1990	9.0	—	2.0	9.0	S	3.5-8.5
(B-1-17)24bbd-1	BLM	1965(?)	25.0	13.9	4.0	—	—	—
(B-1-17)24bbd-2	BLM	1965(?)	25.0	13.9	4.0	—	—	—
(B-1-17)26adc-1	BLM	1992	10.3	—	1.0	10.3	S	6.7-9.3
(B-1-17)26add-1	BLM	1965(?)	13.0	13.8	4.0	—	—	—
(B-1-17)26baa-1	BLM	1981	—	3.6	2.5	—	—	—
(B-1-17)26cad-1	BLM	1992	10.1	—	1.0	10.1	S	6.7-9.0
(B-1-17)26ddc-1	BLM	1992	10.3	—	1.0	9.8	S	6.3-8.8
(B-1-17)27adc-1	BLM	1975	19.0	19.0	2.5	19.0	P	9.0-19.0
(B-1-17)29dac-1	BLM	1975	16.0	13.3	2.5	16.0	P	6.0-16.0
(B-1-17)30ddc-1	BLM	1975	15.0	11.1	2.5	15.0	P	5.0-15.0
(B-1-17)30ddc-2	BLM	1975	3.0	1.15	2.5	3.0	P	1.0-3.0
(B-1-17)31acc-1	BLM	1991	12.0	—	4.0	12.0	S	6.5-11.5
(B-1-17)31acc-2	BLM	1991	23.0	—	2.0	23.0	S	17.0-22.0
(B-1-17)31acc-3	BLM	1991	2.5	—	2.0	2.5	S	0.5-2.5
(B-1-17)31acc-4	BLM	1991	495.0	—	2.0	95.0	S	82.0-92.0
(B-1-17)31acc-5	BLM	1991	495.0	—	2.0	235.0	S	224.0-234.0
(B-1-17)31acc-6	BLM	1991	495.0	—	2.0	495.0	S	484.0-494.0
(B-1-17)31acc-7	BLM	1992	63.0	—	2.0	63.0	S	52.0-62.0
(B-1-17)32ccc-1	BLM	1975	16.0	12.8	2.5	16.0	P	6.0-16.0
(B-1-17)33dcd-1	BLM	1990	9.0	—	2.0	9.0	S	3.0-8.0
(B-1-17)34ccd-1	BLM	1990	9.0	—	2.0	9.0	S	3.0-8.0
(B-1-17)34dcd-1	BLM	1965(?)	25.0(?)	12.7	4.0	—	—	—
(B-1-17)34ddc-1	BLM	1990	9.0	—	2.0	9.0	S	3.0-8.0
(B-1-17)34ddd-1	BLM	1990	9.0	—	2.0	9.0	S	3.0-8.0
(B-1-17)35bbb-1	BLM	1981	—	3.4	2.5	—	—	—
(B-1-17)35ccc-1	BLM	1965(?)	25.0	25.0	4.0	—	—	—
(B-1-17)35ccc-2	BLM	1990	14.0	—	2.0	14.0	S	8.0-13.0
(B-1-17)35dcc-1	Utah	1992	9.9	—	1.0	9.9	S	—
(B-1-17)36baa-1	BLM	1981	—	4.3	2.5	—	—	—
(B-1-17)36ccb-1	Utah	1992	10.2	—	1.0	9.7	S	6.2-8.7
(B-1-17)36cdd-1	Utah	1976	5.0	3.0	2.5	5.0	P	1.0-5.0
(B-1-17)36dbc-1	BLM	1992	10.2	—	1.0	9.0	S	5.5-8.0
(B-1-18)12acc-1	BLM	1993	10.3	—	2.0	10.3	S	5.0-10.0
(B-1-18)12bab-1	BLM	1975	9.0	8.0	2.5	9.0	P	4.0-9.0
(B-1-18)12bab-2	BLM	1990	14.0	—	2.0	14.0	S	8.0-13.0
(B-1-18)12dba-1	BLM	1993	12.3	—	2.0	12.3	S	7.0-12.0

Table 2. Well-completion data for selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Local well number	Land-owner	Year completed	Well depth		Casing			
			Reported (feet)	Measured (feet)	Diameter (inches)	Depth (feet)	Type	Finish Interval (feet)
Bonneville Salt Flats—Continued								
(B-1-18)14bbd-1	BLM	1975	13.0	11.6	2.5	13.0	P	4.0-13.0
(B-1-18)14bbd-2	BLM	1990	14.0	—	2.0	14.0	S	8.0-13.0
(B-1-18)14cad-1	BLM	1993	13.7	—	2.0	13.7	S	8.4-13.4
(B-1-18)23aaa-1	BLM	1976	9.0	7.7	2.5	9.0	P	4.0-9.0
(B-1-18)23aba-1	BLM	1993	13.2	—	2.0	13.2	S	7.9-12.9
(B-1-18)23add-1	BLM	1993	12.7	—	2.0	12.7	S	7.4-12.4
(B-1-18)24aac-1	BLM	1981(?)	—	7.6	2.5	—	—	—
(B-1-18)27aaa-1	BLM	1976	9.0	6.3	2.5	9.0	P	4.0-9.0
(B-1-18)31acc-1	BLM	1991	187.0	—	2.0	187.0	S	176.0-186.0
(B-1-18)31acd-1	BLM	1991	219.0	—	2.0	219.0	S	208.0-218.0
(B-1-18)31bda-1	BLM	1991	218.0	—	2.0	79.0	S	68.0-78.0
(B-1-18)31bda-2	BLM	1991	218.0	—	2.0	127.0	S	116.0-126.0
(B-1-18)31bda-3	BLM	1991	218.0	—	2.0	218.0	S	207.0-217.0
(B-1-18)31bdd-1	BLM	1991	131.0	—	2.0	131.0	S	120.0-130.0
(B-1-18)31dac-1	BLM	1991	255.0	—	2.0	74.0	S	61.0-71.0
(B-1-18)31dac-2	BLM	1991	255.0	—	2.0	149.0	S	138.0-148.0
(B-1-18)31dac-3	BLM	1991	255.0	—	2.0	245.0	S	234.0-244.0
(B-1-18)32ccc-1	BLM	1976	13.0	12.0	2.5	13.0	P	8.0-13.0
(B-1-18)32ccc-2	BLM	1976	17.0	12.5	2.5	17.0	P	12.0-17.0
(B-1-18)33ccd-1	BLM	1976	8.0	8.0	2.5	8.0	P	3.0-8.0
(B-1-18)34bbb-1	BLM	1976	9.0	8.3	2.5	9.0	P	4.0-9.0
(B-2-16)30cdd-1	BLM	1976	5.0	2.8	2.5	5.0	P	1.0-5.0
(B-2-17)22ddd-1	BLM	1976	9.0	7.3	2.5	9.0	P	4.0-9.0
(B-2-17)25aaa-1	BLM	1976	5.0	3.2	2.5	5.0	P	1.0-5.0
(B-2-17)32ccc-1	BLM	1976	9.0	7.3	2.5	9.0	P	4.0-9.0
(B-2-17)33aaa-1	BLM	1976	9.0	8.5	2.5	9.0	P	4.0-9.0
(B-2-17)33dcc-1	BLM	1976	9.0	6.2	2.5	9.0	P	4.0-9.0
(B-2-17)35aba-1	BLM	1976	6.0	6.0	2.5	6.0	P	1.0-6.0
(B-2-17)36ddd-1	BLM	1976	9.0	7.9	2.5	9.0	P	4.0-9.0
(C-1-17)2bba-1	Utah	1965(?)	—	11.0	4.0	—	—	—
(C-1-17)3abb-1	BLM	1992	9.7	—	1.0	9.7	S	7.0-9.7
(C-1-17)3dda-1	BLM	1981	—	2.9	2.0	—	—	—
(C-1-17)4acc-1	BLM	1965(?)	25.0	19.9	4.0	—	—	—
(C-1-17)4bba-1	BLM	1975	18.0	14.5	2.5	18.0	P	8.0-18.0
(C-1-17)4bdd-1	BLM	1965(?)	25.0	20.7	4.0	—	—	—
(C-1-17)5ddc-1	BLM	1976	5.0	3.2	2.5	5.0	P	1.0-5.0
(C-1-17)9aaa-1	BLM	1981	—	4.1	2.5	—	—	—
(C-1-17)9ccc-1	Utah	1981	—	6.1	2.5	—	—	—
(C-1-17)10aac-1	BLM	1992	6.7	—	1.0	6.7	S	4.3-6.2
(C-1-17)14bbb-1	BLM	1981	—	8.0	2.5	—	—	—
(C-1-17)15bbb-1	Utah	1981	—	5.3	2.5	—	—	—
(C-1-17)15dbd-1	BLM	1981	—	4.9	2.0	—	—	—
(C-1-17)15dcc-1	BLM	1992	9.0	—	1.0	9.0	S	6.1-8.5
(C-1-17)16dac-1	Utah	1976	8.0	3.9	2.5	8.0	P	3.0-8.0
(C-1-17)17bba-1	Utah	1976	9.0	7.9	2.5	9.0	P	4.0-9.0

Table 2. Well-completion data for selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Local well number	Land-owner	Year completed	Well depth		Casing			
			Reported (feet)	Measured (feet)	Diameter (inches)	Depth (feet)	Type	Finish Interval (feet)
Bonneville Salt Flats—Continued								
(C-1-17)17cda-1	Reilly	1965(?)	22.0	16.4	4.0	—	—	—
(C-1-17)17cdd-1	BLM	1976	9.0	6.7	2.5	9.0	P	4.0-9.0
(C-1-17)18bbb-1	Reilly	1976	9.0	4.5	2.5	9.0	P	7.0-9.0
(C-1-17)18bbb-2	Reilly	1975	2.0	2.0	2.5	2.0	P	1.0-2.0
(C-1-17)18bbb-3	Reilly	1975	16.0	16.0	2.5	16.0	P	6.0-16.0
(C-1-17)18cab-1	Reilly	1975	19.0	17.7	2.5	19.0	P	9.0-19.0
(C-1-17)22abb-1	Utah	1992	8.5	—	1.0	8.5	S	6.0-8.5
(C-1-17)23bbb-1	BLM	1976	6.0	3.8	2.5	6.0	P	1.0-6.0
(C-1-18)1acc-1	Reilly	1981	—	0.9	2.5	—	—	—
(C-1-18)3dcd-1	Reilly	1975	15.0	12.5	2.5	15.0	P	5.0-15.0
(C-1-18)3dcd-2	Reilly	1975	3.0	1.7	2.5	3.0	P	1.0-3.0
(C-1-18)6abb-1	BLM	1991	218.0	—	2.0	90.0	S	79.0-89.0
(C-1-18)6abb-2	BLM	1991	218.0	—	2.0	148.0	S	137.0-147.0
(C-1-18)6abb-3	BLM	1991	218.0	—	2.0	218.0	S	207.0-217.0
(C-1-18)6adc-1	BLM	1991	238.0	—	2.0	109.0	S	98.0-108.0
(C-1-18)6adc-2	BLM	1991	238.0	—	2.0	238.0	S	227.0-237.0
(C-1-18)6adc-3	BLM	1993	7.6	—	2.0	7.5	S	4.5-7.0
(C-1-18)6ccd-1	BLM	1992	6.2	—	1.0	6.2	S	3.8-6.2
(C-1-18)9adc-1	Reilly	1965(?)	23.0	—	4.0	—	—	—
(C-1-18)9adc-2	Reilly	1992	63.0	—	2.0	63.0	S	52.5-62.5
(C-1-18)11ccd-1	Reilly	1975	15.0	12.6	2.5	15.0	P	5.0-15.0
(C-1-18)11ccd-2	Reilly	1975	3.0	1.5	2.5	3.0	P	1.0-3.0
(C-1-18)12bba-1	Reilly	1975	15.0	13.0	2.5	15.0	P	5.0-15.0
(C-1-18)13cac-1	Reilly	1992	10.3	—	1.0	10.3	S	7.8-10.3
(C-1-18)13cdb-1	Reilly	1992	10.3	—	1.0	10.3	S	8.0-10.3
(C-1-18)13cdc-1	Reilly	1992	10.2	—	1.0	10.2	S	7.7-10.2
(C-1-18)14cbb-1	Reilly	1975	15.0	12.9	2.5	15.0	P	5.0-15.0
(C-1-18)14ccb-1	Utah	1975	19.0	17.1	2.5	19.0	P	9.0-19.0
(C-1-18)15abc-1	Reilly	1990	9.0	—	2.0	9.0	S	3.5-8.5
(C-1-18)15abc-2	Reilly	1965(?)	—	2.4	4.0	—	—	—
(C-1-18)15caa-1	Reilly	1990	10.0	—	2.0	10.0	S	4.5-9.5
(C-1-18)15caa-2	Reilly	1990	9.0	—	2.0	9.0	S	3.5-8.5
(C-1-18)16aab-1	Reilly	1965(?)	—	2.2	4.0	—	—	—
(C-1-18)16ada-1	Reilly	1965(?)	—	9.8	4.0	—	—	—
(C-1-18)16bcc-1	Reilly	1981	—	1.1	2.5	—	—	—
(C-1-18)16dda-1	Reilly	1974(?)	—	15.0	4.0	—	—	—
(C-1-18)17acb-1	Reilly	1975	19.0	15.7	2.5	19.0	P	9.0-19.0
(C-1-18)17acb-2	Reilly	1976	9.0	5.5	2.5	9.0	P	4.0-9.0
(C-1-18)17acc-1	Reilly	1975(?)	19.0(?)	17.2	2.5	—	—	9.0-19.0(?)
(C-1-18)18dbd-1	Utah	1975	19.0	17.7	2.5	19.0	P	9.0-19.0
(C-1-19)1ccc-1	BLM	1976	9.0	8.3	2.5	9.0	P	4.0-9.0
(C-1-19)11acc-1	BLM	1992	13.9	—	2.0	13.9	S	7.9-12.9
(C-1-19)11ccc-1	Utah	1992	13.0	—	2.0	13.0	S	7.0-12.0
(C-1-19)13bcb-1	Reilly	1976	9.0	6.8	2.5	9.0	P	4.0-9.0

Table 2. Well-completion data for selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Local well number	Land-owner	Year completed	Well depth		Casing			
			Reported (feet)	Measured (feet)	Diameter (inches)	Depth (feet)	Type	Finish Interval (feet)
Pilot Valley								
(B-2-19)15cdc-1	BLM	—	—	16.7	2.5	—	—	—
¹ (B-3-18)7ccc-1	BLM	—	10.0	8.2	1.0	10.0	S	9.0-10.0
¹ (B-3-18)7ccc-2	BLM	—	40.0	35.4	1.0	40.0	S	39.0-40.0
¹ (B-3-18)7ccc-3	BLM	—	40.0	38.7	1.0	40.0	S	39.0-40.0
¹ (B-3-18)7ccc-4	BLM	—	10.0	9.3	1.0	10.0	S	9.0-10.0
¹ (B-3-18)7ccc-5	BLM	—	10.0	9.9	1.0	10.0	S	9.0-10.0
¹ (B-3-18)7ccc-6	BLM	—	8.0	7.4	1.0	8.0	S	7.0-8.0
¹ (B-3-18)7ccc-7	BLM	—	40.0	36.1	1.0	40.0	S	39.0-40.0
(B-3-18)7ccc-8	BLM	—	—	7.8	1.0	—	—	—
(B-3-18)7ccc-9	BLM	—	—	5.8	1.0	—	—	—
(B-3-18)7ccc-10	BLM	—	—	7.7	1.0	—	—	—
(B-3-18)7ccc-11	BLM	1992	103.0	—	2.0	103.0	S	92.0-102.0
¹ (B-3-18)7ccc-12	BLM	—	8.0	4.0	4.0	8.0	S	7.0-8.0
¹ (B-3-18)7ccc-13	BLM	—	20.0	18.6	1.0	20.0	S	19.0-20.0
¹ (B-3-18)7ccc-14	BLM	—	80.0	62.9	1.0	80.0	S	79.0-80.0
(B-3-18)8dcd-1	BLM	—	—	9.9	1.0	—	—	—
(B-3-18)10dcb-1	BLM	1976	9.0	8.7	2.5	9.0	P	4.0-9.0
² (B-3-18)16cba-1	Utah	1991(?)	9.0	8.3	1.0	9.0	S	7.2-8.2
(B-3-18)17acd-2	BLM	—	—	9.9	1.5	—	—	—
² (B-3-18)17acd-3	BLM	1991(?)	39.0	38.6	1.0	39.0	S	37.2-38.2
² (B-3-18)18abd-1	BLM	1991(?)	9.0	9.1	1.0	9.0	S	7.2-8.2
² (B-3-18)18abd-2	BLM	1991(?)	19.0	18.5	1.0	19.0	S	17.2-18.2
² (B-3-18)18bba-1	BLM	1991(?)	9.0	7.0	1.0	9.0	S	7.2-8.2
² (B-3-18)18bba-2	BLM	1991(?)	19.0	18.6	1.0	19.0	S	17.2-18.2
(B-3-18)18bbb-1	BLM	—	—	15.0	1.0	—	—	—
¹ (B-3-18)18bbb-2	BLM	—	20.0	20.0	1.0	20.0	S	19.0-20.0
² (B-3-18)20acd-1	BLM	1991(?)	9.0	9.1	1.0	9.0	S	7.2-8.2
² (B-3-18)29acd-1	BLM	1991(?)	9.0	8.3	1.0	9.0	S	7.2-8.2
(B-3-18)32ccc-1	Utah	1976	9.0	6.8	2.5	9.0	P	4.0-9.0
² (B-3-18)32dab-1	Utah	1991(?)	9.0	9.0	1.0	9.0	S	7.2-8.2
¹ (B-3-19)1abb-1	BLM	—	20.0	17.5	1.0	20.0	S	19.0-20.0
(B-3-19)24cba-1	BLM	—	—	10.0	1.0	—	—	—
(B-3-19)26baa-1	BLM	1976	9.0	5.9	2.5	9.0	P	4.0-9.0
(B-4-17)4bbb-1	BLM	1976	9.0	8.9	2.5	9.0	P	4.0-9.0
(B-4-17)6bbb-1	BLM	1976	9.0	7.5	2.5	9.0	P	4.0-9.0
(B-4-17)31ccc-1	BLM	1976	9.0	4.5	2.5	9.0	P	4.0-9.0
(B-4-17)32dcc-1	Utah	1976	9.0	6.4	2.5	9.0	P	4.0-9.0
² (B-4-18)1cbc-1	—	1991	4.3	3.5	1.0	4.3	S	2.5-3.5
² (B-4-18)2dbd-1	Utah	1991	3.9	3.9	1.0	3.9	S	2.0-3.0
² (B-4-18)3dbd-1	—	1991	4.3	4.0	1.0	4.3	S	2.5-3.5
² (B-4-18)4dbd-1	—	1991	4.4	3.8	1.0	4.4	S	2.5-3.5
² (B-4-18)4ddb-1	BLM	1991	4.3	3.8	1.0	4.3	S	2.5-3.5
² (B-4-18)5adb-1	—	1991	3.9	3.8	1.0	3.9	S	2.1-3.1
² (B-4-18)5ccb-1	—	1991	3.9	3.4	1.0	3.9	S	2.1-3.1
² (B-4-18)5dcb-1	—	1991	4.4	3.8	1.0	4.4	S	2.6-3.6

Table 2. Well-completion data for selected monitoring wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Local well number	Land-owner	Year completed	Well depth		Casing			
			Reported (feet)	Measured (feet)	Diameter (inches)	Depth (feet)	Type	Finish Interval (feet)
Pilot Valley—Continued								
² (B-4-18)5dda-1	BLM	1991	4.2	1.1	1.0	4.2	S	2.4-3.4
² (B-4-18)5ddb-1	—	1991	4.5	3.8	1.0	4.5	S	2.6-3.6
² (B-4-18)5ddb-2	—	1991(?)	16.6	15.5	1.0	16.6	S	14.8-15.8
² (B-4-18)6cca-1	BLM	1990	29.0	26.1	1.0	29.0	S	27.2-28.2
² (B-4-18)6cca-2	BLM	1990	19.0	18.5	1.0	19.0	S	17.2-18.2
² (B-4-18)6cca-3	BLM	1990	9.0	8.4	1.0	9.0	S	7.2-8.2
(B-4-18)6cca-4	BLM	1990	—	20.3	1.0	—	S	—
² (B-4-18)8aad-1	BLM	1991(?)	4.4	3.7	1.0	4.4	S	2.5-3.5
² (B-4-18)17aaa-1	—	1991(?)	4.0	3.9	1.0	4.0	S	2.2-3.2
² (B-4-18)17ddd-1	—	1991(?)	3.9	4.0	1.0	3.9	S	2.1-3.1
² (B-4-18)20ddd-1	BLM	1991(?)	4.1	4.0	1.0	4.1	S	2.3-3.3
² (B-4-18)32caa-1	BLM	1991(?)	9.0	9.1	1.0	9.0	S	7.2-8.2
² (B-4-18)32caa-2	BLM	1991(?)	19.0	17.0	1.0	19.0	S	17.2-18.2
(B-4-18)33ccc-1	BLM	1976	9.0	7.7	2.5	9.0	P	4.0-9.0
¹ (B-4-18)34ddd-2	BLM	—	14.0	12.2	1.0	14.0	S	12.2-13.2
¹ (B-4-18)34ddd-3	BLM	—	29.0	28.7	1.0	29.0	S	26.0-27.0
(B-4-19)36dcd-1	Utah	—	—	34.0	1.0	—	—	—
² (B-5-18)32ddc-1	Utah	1991(?)	4.3	4.3	1.0	4.3	S	2.5-3.5

¹Well completed by Utah State University graduate students. Well-completion data were provided by Craig Forster, University of Utah research professor, and others for wells identified and used during this project.

²Well completed by Eric Petersen, Brigham Young University graduate student. Well-completion data were provided by Eric Petersen (written commun., 1993) for all wells drilled during this Brigham Young University study. Because of past difficulties in establishing exact locations, well-completion data were matched to wells selected for observation by the U.S. Geological Survey by comparing reported data to surveyed and measured data.

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah

[MP, fixed measuring point at top of casing (cap off) from which all water levels are measured; see table 1 for cross reference of identification numbers used and figure 2 for explanation of numbering system used for hydrologic-data sites in Utah. Altitude of MP: In feet; altitude determined during Bureau of Land Management surveys, except where indicated by footnote. Height of MP: Distance in feet above land surface of MP; —, no data]

Water level: In feet below or above (-) land surface.

Temperature: °C, degrees Celsius.

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
Bonneville Salt Flats							
(B-1-16)19aaa-1				(B-1-17)2bab-1			
Altitude of MP 4,215.59				Altitude of MP 4,214.08			
Height of MP 0.64				Height of MP 1.00			
OCT 07, 1992	2.30	22	1.188	APR 02, 1992	-0.38	13	1.186
MAR 17, 1993	.41	10	1.100	JUL 17, 1992	-.30	22	1.184
APR 29, 1993	.15	14	1.116	SEP 30, 1992	.61	17	1.182
MAY 24, 1993	-.11	19	1.150	NOV 03, 1993	-.40	10	1.188
AUG 03, 1993	.14	22	1.138	(B-1-17)3ccc-1			
OCT 06, 1993	.99	18	1.144	Altitude of MP 4,213.98			
(B-1-16)19bad-1				Height of MP 0.61			
Altitude of MP 4,216.61				OCT 01, 1992	.90	17	1.194
Height of MP 1.81				NOV 03, 1993	-.31	9	1.188
SEP 28, 1992	3.25	23	1.178	(B-1-17)8bab-1			
MAR 17, 1993	-.65	12	1.180	Altitude ¹ of MP 4,215.0			
APR 29, 1993	.99	16	1.178	Height of MP 1.06			
MAY 24, 1993	.35	21	1.174	JUL 17, 1992	.78	24	1.160
AUG 03, 1993	.46	25	1.180	OCT 01, 1992	1.67	22	1.180
OCT 27, 1993	.74	12	1.180	MAR 23, 1993	-.20	11	1.188
(B-1-16)19bbc-1				APR 27, 1993	.06	14	1.182
Altitude of MP 4,216.71				OCT 28, 1993	.71	14	1.174
Height of MP 2.07				(B-1-17)8ccc-1			
SEP 28, 1992	2.36	27	1.180	Altitude of MP 4,215.12			
MAR 17, 1993	1.01	13	1.052	Height of MP 0.92			
APR 29, 1993	-.04	16	1.128	APR 02, 1992	1.08	12	1.180
MAY 24, 1993	.03	20	1.110	JUL 17, 1992	2.57	22	1.152
JUN 23, 1993	.38	19	1.180	(B-1-17)11aaa-2			
AUG 03, 1993	.58	24	1.172	Altitude of MP 4,214.93			
OCT 27, 1993	3.17	11	1.176	Height of MP 1.05			
(B-1-17)1ddd-1				JUL 17, 1992	.37	21	1.200
Altitude of MP 4,215.13				SEP 30, 1992	1.05	20	1.200
Height of MP 1.10				APR 27, 1993	-.20	15	1.198
APR 02, 1992	.65	16	1.180	MAY 24, 1993	-.18	19	1.196
JUL 16, 1992	.71	21	1.198	AUG 03, 1993	-.04	19.5	1.200
OCT 01, 1992	2.37	21	1.196	OCT 06, 1993	.03	16.5	1.196
MAR 17, 1993	-.25	15	1.144	(B-1-17)11aac-1			
APR 29, 1993	-.19	15	1.174	Altitude of MP 4,214.70			
MAY 24, 1993	-.07	19	1.182	Height of MP 0.70			
AUG 03, 1993	-.04	20	1.176	MAR 20, 1992	.07	11	1.190
OCT 06, 1993	.05	17	1.194	JUL 16, 1992	.20	22	1.184
				SEP 30, 1992	1.15	19.5	1.180

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-1-17)11aac-1—Continued				(B-1-17)12dcc-1			
APR 27, 1993	-0.12	15	1.180	Altitude of MP 4,214.98			
MAY 24, 1993	-.21	18	1.184	Height of MP 1.05			
AUG 03, 1993	-.15	19	1.180	MAR 20, 1992	-0.02	11	1.134
OCT 06, 1993	-.11	17	1.180	JUL 16, 1992	1.70	20	1.184
(B-1-17)11aac-2				SEP 30, 1992	3.13	17	1.186
Altitude of MP 4,216.21				MAR 18, 1993	-.35	11	1.090
Height of MP 2.25				APR 29, 1993	-.39	14	1.128
NOV 05, 1992	.82	11	1.120	MAY 25, 1993	-.38	16.5	1.134
APR 27, 1993	-1.54	16	1.112	AUG 03, 1993	-.10	19	1.162
MAY 24, 1993	-1.67	19	1.110	OCT 05, 1993	1.38	16	1.174
AUG 03, 1993	-1.68	24	1.108	(B-1-17)12ddd-1			
OCT 06, 1993	-1.47	17	1.104	Altitude of MP 4,215.22			
(B-1-17)12ccd-1				Height of MP 1.12			
Altitude of MP 4,214.98				MAR 20, 1992	1.36	11	1.160
Height of MP 0.87				SEP 30, 1992	4.95	22	1.182
JUL 16, 1992	.75	21	1.188	APR 29, 1993	-.22	16	1.172
SEP 30, 1992	2.49	20	1.186	MAY 25, 1993	-.21	16.5	1.178
MAR 18, 1993	-.29	10	1.188	AUG 03, 1993	.03	19	1.166
APR 29, 1993	-.17	16	1.176	OCT 05, 1993	3.63	17	1.180
MAY 25, 1993	-.23	15	1.184	(B-1-17)14bbb-1			
AUG 03, 1993	-.05	19	1.184	Altitude of MP 4,215.74			
OCT 06, 1993	.21	17	1.190	Height of MP 1.70			
(B-1-17)12ccd-2				MAR 19, 1992	-.04	18	1.204
Altitude of MP 4,215.27				JUL 16, 1992	.20	21	1.198
Height of MP 1.20				SEP 30, 1992	1.18	—	—
MAR 20, 1992	-.06	11	1.180	AUG 04, 1993	.12	17	1.190
JUL 16, 1992	.71	24	1.190	OCT 06, 1993	.09	15.5	1.192
SEP 30, 1992	2.11	19	1.178	(B-1-17)19daa-1			
MAR 18, 1993	-.43	9	1.188	Altitude of MP 4,214.28			
APR 29, 1993	-.24	12	1.180	Height of MP 0.62			
MAY 25, 1993	-.32	15	1.186	MAR 19, 1992	-.14	11	1.202
AUG 03, 1993	-.10	19	1.180	JUL 16, 1992	.61	23	1.200
OCT 06, 1993	.24	17	1.188	OCT 01, 1992	.89	17	1.199
(B-1-17)12dbd-1				(B-1-17)19dac-1			
Altitude of MP 4,215.54				Altitude of MP 4,214.84			
Height of MP 1.35				Height of MP 1.20			
MAR 20, 1992	-.20	11.5	1.120	MAR 19, 1992	-.29	11.5	1.189
JUL 16, 1992	1.25	20	1.186	JUL 17, 1992	-.06	23	1.186
SEP 29, 1992	2.86	15	1.180	OCT 01, 1992	.67	18	1.192
MAR 18, 1993	-.61	13	1.028	MAY 25, 1993	-.67	—	1.192
APR 29, 1993	-.59	14	1.168	AUG 04, 1993	-.20	22	1.190
MAY 25, 1993	-.49	15	1.168	OCT 06, 1993	.18	15	1.190
AUG 03, 1993	-.14	19	1.176	(B-1-17)21ada-1			
OCT 06, 1993	.59	17	1.180	Altitude of MP 4,215.71			
				Height of MP 0.86			
				SEP 30, 1992	.93	20	1.192
				APR 28, 1993	-.19	16	1.192

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-1-17)21ada-1—Continued				(B-1-17)21add-4—Continued			
MAY 25, 1993	-0.23	17	1.192	MAY 25, 1993	-1.97	19	1.108
AUG 04, 1993	.03	21	1.190	AUG 04, 1993	-1.68	23	1.104
OCT 06, 1993	.12	15	1.186	OCT 28, 1993	-1.63	9	1.100
(B-1-17)21ada-2				(B-1-17)22aad-1			
Altitude of MP 4,214.87				Altitude of MP 4,215.39			
Height of MP 0.72				Height of MP 1.35			
SEP 30, 1992	.70	20	1.186	MAR 20, 1992	-.08	9	1.181
APR 28, 1993	-.20	16	1.190	APR 01, 1992	.18	12	1.180
MAY 25, 1993	-.30	17	1.186	JUL 16, 1992	.58	21	1.190
AUG 04, 1993	-.17	20.5	1.182	SEP 29, 1992	1.91	21	1.186
OCT 06, 1993	-.06	16	1.178	MAR 18, 1993	-.39	11	1.174
(B-1-17)21ada-3				APR 28, 1993	-.17	14	1.172
Altitude of MP 4,214.66				MAY 25, 1993	-.19	15	1.186
Height of MP 1.76				AUG 04, 1993	.15	18	1.176
SEP 30, 1992	.92	20	1.192	OCT 06, 1993	.10	19	1.188
APR 28, 1993	-.17	18	1.194	(B-1-17)22aad-2			
MAY 25, 1993	-.20	17	1.190	Altitude of MP 4,215.54			
AUG 04, 1993	.08	20	1.192	Height of MP 1.51			
OCT 06, 1993	.07	16	1.190	AUG 04, 1993	.25	21	1.189
(B-1-17)21add-1				OCT 06, 1993	.11	17	1.186
Altitude of MP 4,215.35				(B-1-17)22abd-1			
Height of MP 1.40				Altitude of MP 4,215.42			
MAR 19, 1992	-.10	—	—	Height of MP 1.40			
APR 01, 1992	.09	—	—	MAR 20, 1992	-.08	9	1.190
JUL 16, 1992	.13	—	—	APR 01, 1992	.11	11	1.190
SEP 30, 1992	Dry	—	—	JUL 16, 1992	.29	24	1.190
APR 28, 1993	-.17	20	1.198	SEP 30, 1992	1.36	20	1.190
MAY 25, 1993	-.12	21	1.186	APR 28, 1993	-.13	14	1.188
AUG 04, 1993	.25	20	1.186	MAY 25, 1993	-.19	15	1.190
OCT 06, 1993	-.08	19	1.198	AUG 04, 1993	.15	19	1.190
(B-1-17)21add-3				OCT 06, 1993	.03	17	1.190
Altitude of MP 4,214.12				(B-1-17)22bca-1			
Height of MP 1.20				Altitude of MP 4,215.35			
MAR 19, 1992	.02	16	1.200	Height of MP 1.30			
APR 01, 1992	.14	11	1.200	MAR 20, 1992	-.05	9	1.200
JUL 16, 1992	.19	20	1.202	APR 01, 1992	.15	11.5	1.200
SEP 30, 1992	.90	18	1.196	JUL 16, 1992	.22	21	1.200
APR 28, 1993	-.15	15	1.200	SEP 30, 1992	1.01	19	1.192
MAY 25, 1993	-.19	15	1.194	APR 28, 1993	-.13	15	1.190
New Height of MP 0.15				MAY 24, 1993	-.15	16.5	1.192
AUG 04, 1993	.05	20	1.192	AUG 04, 1993	.16	19	1.192
OCT 06, 1993	.10	16	1.192	OCT 06, 1993	.09	17	1.190
(B-1-17)21add-4				(B-1-17)22bda-1			
Altitude of MP 4,216.19				Altitude of MP 4,215.36			
Height of MP 2.32				Height of MP 1.30			
NOV 05, 1992	1.60	12	1.110	MAR 20, 1992	-.03	9.5	1.190
APR 19, 1993	-2.12	17	1.110	APR 01, 1992	.19	11	1.188

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-1-17)22bda-1—Continued				(B-1-17)23abd-1—Continued			
JUL 16, 1992	0.31	23	1.190	APR 28, 1993	0.07	15	1.170
SEP 30, 1992	1.28	20	1.190	MAY 25, 1993	.10	18	1.174
APR 28, 1993	-.08	16	1.200	AUG 04, 1993	.39	20	1.164
MAY 25, 1993	-.12	17	1.194	OCT 06, 1993	4.97	18.5	1.184
AUG 04, 1993	.22	20.5	1.192	(B-1-17)23abd-2			
OCT 06, 1993	.09	17	1.196	Altitude of MP 4,216.90			
(B-1-17)23aac-1				Height of MP 2.66			
Altitude of MP 4,215.34				NOV 05, 1992	5.10	15	1.120
Height of MP 1.00				MAR 18, 1993	1.39	11	1.106
MAR 20, 1992	1.59	11	1.164	APR 28, 1993	.77	16	1.102
JUL 16, 1992	5.55	17	1.190	MAY 25, 1993	.45	15.5	1.108
SEP 29, 1992	5.87	19.5	1.181	AUG 04, 1993	-.19	16	1.100
MAR 18, 1993	1.64	12	1.132	OCT 06, 1993	-.09	15	1.100
APR 29, 1993	.09	13	1.168	(B-1-17)23abd-3			
MAY 24, 1993	.05	21.5	1.152	Altitude of MP 4,216.16			
AUG 03, 1993	.27	19.5	1.160	Height of MP 1.60			
OCT 05, 1993	5.02	15	1.176	AUG 04, 1993	.64	19	1.182
(B-1-17)23aac-2				OCT 06, 1993	5.08	18	1.190
Altitude of MP 4,215.87				(B-1-17)23abd-4			
Height of MP 1.40				Altitude of MP 4,215.70			
MAR 20, 1992	2.15	11	1.190	Height of MP 1.30			
JUL 16, 1992	6.18	15	1.190	MAR 20, 1992	.95	9.5	1.171
SEP 29, 1992	6.38	19	1.182	APR 01, 1992	3.56	10	1.180
MAR 18, 1993	2.22	9	1.182	JUL 16, 1992	4.13	18	1.194
APR 29, 1993	.46	14	1.184	SEP 29, 1992	4.94	20	1.190
MAY 24, 1993	.40	18	1.182	MAR 18, 1993	.84	9	1.108
AUG 03, 1993	.61	23	1.180	APR 28, 1993	-.08	14	1.122
OCT 05, 1993	5.63	16	1.178	MAY 25, 1993	-.01	16	1.158
(B-1-17)23abc-1				AUG 04, 1993	.24	17	1.166
Altitude of MP 4,216.05				OCT 06, 1993	3.87	16	1.180
Height of MP 1.65				(B-1-17)23bac-1			
MAR 20, 1992	.26	9	1.146	Altitude of MP 4,215.31			
APR 01, 1992	2.60	10.5	1.180	Height of MP 0.85			
JUL 16, 1992	3.24	19	1.188	MAR 20, 1992	-.05	10	1.146
SEP 29, 1992	4.23	20	1.189	APR 01, 1992	1.31	11	1.172
MAR 18, 1993	.12	9	1.094	JUL 16, 1992	2.03	21	1.188
APR 28, 1993	-.26	13	1.112	SEP 29, 1992	3.24	19	1.188
MAY 25, 1993	-.17	17	1.156	MAR 18, 1993	-.30	10	1.168
AUG 04, 1993	.11	16	1.160	APR 28, 1993	-.36	14	1.138
OCT 06, 1993	2.86	16	1.178	MAY 25, 1993	-.28	15	1.168
(B-1-17)23abd-1				AUG 04, 1993	.06	19	1.162
Altitude of MP 4,215.43				OCT 06, 1993	1.20	18	1.178
Height of MP 1.05							
MAR 20, 1992	1.55	10	1.170				
APR 01, 1992	4.48	10.5	1.194				
JUL 16, 1992	5.41	18	1.192				
SEP 29, 1992	5.80	21	1.186				
MAR 18, 1993	1.48	10	1.174				

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-1-17)23bac-2				(B-1-17)24bbc-1			
Altitude of MP 4,215.12				Altitude of MP 4,215.62			
Height of MP 0.75				Height of MP 1.32			
SEP 29, 1992	3.37	18	1.186	MAR 20, 1992	0.34	10	1.192
MAR 18, 1993	-.01	9	1.148	JUL 16, 1992	3.01	21	1.182
APR 28, 1993	-.05	14	1.164	SEP 29, 1992	4.05	21	1.184
(B-1-17)23bac-3				MAR 18, 1993	.38	10	1.180
Altitude of MP 4,215.94				APR 29, 1993	-.10	15	1.180
Height of MP 1.53				MAY 24, 1993	-.12	19	1.182
AUG 04, 1993	.39	20	1.184	AUG 03, 1993	.05	21	1.180
OCT 06, 1993	.37	18	1.184	OCT 05, 1993	2.42	16.5	1.178
(B-1-17)23bbd-1				(B-1-17)24bbd-1			
Altitude of MP 4,215.53				Altitude of MP 4,215.33			
Height of MP 1.35				Height of MP 1.05			
MAR 20, 1992	.00	10	1.195	MAR 20, 1992	-.05	11	1.191
APR 01, 1992	.81	12	1.200	JUL 16, 1992	1.74	19	1.174
JUL 16, 1992	1.33	21	1.192	SEP 29, 1992	3.28	18	1.180
SEP 29, 1992	2.67	20	1.186	MAR 18, 1993	-.25	9	1.168
MAR 18, 1993	-.13	11	1.190	APR 29, 1993	-.30	14	1.174
APR 28, 1993	-.08	16	1.190	MAY 24, 1993	-.32	16	1.180
MAY 25, 1993	-.04	15.5	1.186	AUG 03, 1993	-.03	19	1.170
AUG 04, 1993	.26	19	1.184	OCT 05, 1993	1.11	16.5	1.168
OCT 06, 1993	.47	17	1.186	(B-1-17)24bbd-2			
(B-1-17)24aad-1				Altitude of MP 4,215.33			
Altitude of MP 4,215.50				Height of MP 1.10			
Height of MP 0.85				SEP 29, 1992	3.21	17.5	1.180
MAR 20, 1992	1.71	12	1.170	MAR 18, 1993	-.25	9	1.168
JUL 16, 1992	4.16	19	1.190	APR 29, 1993	-.30	16	1.176
SEP 30, 1992	5.30	21	1.183	MAY 24, 1993	-.31	17.5	1.178
MAR 18, 1993	1.71	7	1.178	AUG 03, 1993	.00	19.5	1.182
APR 29, 1993	.30	15	1.174	OCT 05, 1993	1.10	17	1.166
MAY 24, 1993	.23	16.5	1.172	(B-1-17)26adc-1			
AUG 03, 1993	.53	16	1.172	Altitude of MP 4,215.55			
OCT 05, 1993	3.70	17	1.174	Height of MP 1.25			
(B-1-17)24abc-1				SEP 28, 1992	4.89	27	—
Altitude of MP 4,215.75				MAR 17, 1993	.91	12	1.182
Height of MP 0.92				APR 29, 1993	1.26	15	1.180
MAR 20, 1992	1.33	10.5	1.154	MAY 24, 1993	.98	20	1.176
JUL 16, 1992	2.45	20	1.192	AUG 03, 1993	.80	24	1.172
SEP 29, 1992	3.69	18	1.184	OCT 27, 1993	4.05	15	1.178
MAR 18, 1993	.03	7	1.154	(B-1-17)26add-1			
APR 29, 1993	.08	14.5	1.174	Altitude of MP 4,215.50			
MAY 24, 1993	-.02	17	1.178	Height of MP 0.95			
AUG 03, 1993	.29	18	1.180	APR 02, 1992	4.85	13	1.183
OCT 05, 1993	1.90	15	1.180	JUL 16, 1992	5.35	17	1.182
				SEP 29, 1992	5.90	20	1.180
				MAR 18, 1993	1.45	9	1.100
				APR 29, 1993	.15	14	1.160
				MAY 24, 1993	.10	18	1.148

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-1-17)26add-1—Continued				(B-1-17)29dac-1—Continued			
AUG 03, 1993	0.30	19	1.150	APR 28, 1993	-0.35	17	1.190
OCT 05, 1993	4.97	16	1.170	MAY 26, 1993	-.37	17	1.192
(B-1-17)26baa-1				AUG 04, 1993	.07	18	1.190
Altitude of MP 4,215.74				OCT 28, 1993	.02	12.5	1.190
Height of MP 1.30				(B-1-17)30ddc-1			
APR 01, 1992	—	11.5	1.170	Altitude of MP 4,214.65			
JUL 16, 1992	3.26	22	1.160	Height of MP 0.97			
SEP 29, 1992	Dry	—	—	MAR 20, 1992	.88	13	1.204
MAR 18, 1993	-.15	10	1.098	JUL 15, 1992	.73	25	1.170
APR 28, 1993	-.17	16	1.120	SEP 30, 1992	.27	20	1.168
MAY 25, 1993	-.13	17	1.164	APR 28, 1993	-.60	15	1.200
AUG 04, 1993	.15	19	1.148	MAY 25, 1993	-.65	21	1.180
OCT 06, 1993	2.47	—	—	AUG 04, 1993	-.22	21	1.168
(B-1-17)26cad-1				OCT 07, 1993	.15	17	1.168
Altitude of MP 4,215.40				(B-1-17)30ddc-2			
Height of MP 1.68				Altitude of MP 4,215.55			
SEP 28, 1992	3.49	27	1.182	Height of MP 1.85			
MAR 17, 1993	-.02	—	—	MAR 20, 1992	.13	10	1.188
APR 29, 1993	1.86	15	1.180	JUL 15, 1992	.13	27	1.202
MAY 24, 1993	1.74	21	1.182	SEP 30, 1992	.53	—	—
AUG 03, 1993	1.22	23	1.180	APR 28, 1993	-.35	16	1.200
New Height of MP 0.98				MAY 25, 1993	-.23	25	1.200
OCT 27, 1993	2.01	13	1.180	AUG 04, 1993	.20	—	—
(B-1-17)26ddc-1				OCT 07, 1993	.19	—	—
Altitude of MP 4,215.35				²(B-1-17)31acc-1			
Height of MP 1.80				Altitude³ of MP 4,216.74			
SEP 28, 1992	4.57	27.5	—	Height of MP 3.00			
MAR 17, 1993	-.09	15	1.178	JUL 19, 1991	.03	—	—
APR 29, 1993	2.05	16	1.186	AUG 02, 1991	.09	—	—
MAY 24, 1993	1.36	20	1.178	DEC 17, 1991	-.05	—	—
JUN 23, 1993	1.34	19	1.180	JUN 01, 1992	.20	—	—
AUG 03, 1993	.54	24	1.180	JUN 16, 1992	.31	—	—
New Height of MP 1.08				JUL 15, 1992	.11	—	—
OCT 27, 1993	2.85	13.5	1.178	SEP 23, 1992	.45	—	—
(B-1-17)27adc-1				SEP 30, 1992	.46	—	—
Altitude of MP 4,215.07				NOV 10, 1992	.03	—	—
Height of MP 0.70				MAR 12, 1993	-.38	—	—
APR 03, 1992	1.72	12	1.188	MAY 26, 1993	-.39	—	—
JUL 16, 1992	1.58	21	1.182	JUL 07, 1993	-.10	—	—
SEP 29, 1992	2.57	21	1.182	JUL 19, 1993	.24	—	—
MAY 25, 1993	-.14	17	1.180	AUG 21, 1993	.25	—	—
(B-1-17)29dac-1				OCT 28, 1993	-.12	—	1.198
Altitude of MP 4,215.87				FEB 01, 1994	.16	—	—
Height of MP 1.55				(B-1-17)31acc-2			
MAR 19, 1992	-.01	11	1.200	Altitude of MP 4,215.91			
JUL 16, 1992	.03	23	1.196	Height of MP 2.15			
SEP 30, 1992	.81	18	1.188	JAN 28, 1992	.00	2	1.179
				MAR 19, 1992	-.13	11.5	1.172

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-1-17)31acc-2—Continued				(B-1-17)31acc-6—Continued			
APR 01, 1992	—	13	1.178	New height of MP 2.59			
JUL 15, 1992	-.07	26	1.180	OCT 28, 1993	18.35	11.5	1.104
SEP 30, 1992	.11	18	1.164	(B-1-17)31acc-7			
MAR 12, 1993	-.23	8	1.169	Altitude³ of MP 4,216.05			
APR 28, 1993	-.61	17	1.170	Height of MP 2.67			
MAY 26, 1993	-.55	18	1.170	NOV 05, 1992	1.12	13	1.120
AUG 04, 1993	-.21	22	1.168	APR 28, 1993	-.99	18	1.112
OCT 28, 1993	-.32	10	1.162	MAY 25, 1993	-.95	19	1.116
(B-1-17)31acc-3				AUG 04, 1993	-.19	23	1.114
Altitude of MP 4,215.21				OCT 28, 1993	-1.62	10	1.116
Height of MP 1.45				(B-1-17)32ccc-1			
JAN 28, 1992	-.05	.5	1.210	Altitude of MP 4,215.44			
MAR 19, 1992	.02	11	1.205	Height of MP 2.00			
APR 01, 1992	.29	13	1.206	MAR 19, 1992	-.08	—	—
JUL 15, 1992	.12	25	1.200	JUL 15, 1992	.11	20	1.192
SEP 30, 1992	.74	18	1.200	SEP 30, 1992	.64	19	1.192
MAR 12, 1993	-.39	7	1.204	MAY 25, 1993	-.33	19	1.188
APR 28, 1993	-.31	19	1.198	AUG 04, 1993	.24	19	1.182
MAY 26, 1993	-.17	18	1.198	OCT 28, 1993	-.05	11	1.184
AUG 04, 1993	.17	22	1.200	(B-1-17)33dcd-1			
OCT 28, 1993	.03	8	1.198	Altitude of MP 4,215.78			
(B-1-17)31acc-4				Height of MP 1.40			
Altitude³ of MP 4,217.83				JAN 28, 1992	.12	.5	1.174
Height of MP 2.35				MAR 19, 1992	.00	11.5	1.170
SEP 30, 1992	—	16.5	1.184	APR 01, 1992	.05	—	—
MAR 12, 1993	—	9	1.180	JUL 15, 1992	.36	25	1.187
APR 28, 1993	—	15	1.182	SEP 28, 1992	1.48	21	1.180
MAY 26, 1993	—	17	1.090	MAR 19, 1993	-.25	9	1.146
AUG 04, 1993	—	21	1.092	APR 28, 1993	-.10	14	1.180
Height of MP 4.10				MAY 25, 1993	-.14	18.5	1.188
OCT 28, 1993	-2.82	9.5	1.090	AUG 04, 1993	.31	19	1.182
(B-1-17)31acc-5				OCT 28, 1993	.13	12	1.188
Altitude³ of MP 4,215.90				(B-1-17)34ccd-1			
Height of MP 2.22				Altitude of MP 4,215.89			
SEP 30, 1992	.14	16	1.116	Height of MP 1.50			
MAR 12, 1993	-.51	9	1.114	JAN 28, 1992	.16	3	1.194
APR 28, 1993	-.44	15	1.110	MAR 19, 1992	.02	10	1.200
MAY 26, 1993	-.12	15	1.110	APR 01, 1992	-.05	13	1.190
AUG 04, 1993	-.22	22	1.112	JUL 15, 1992	.28	24	1.198
OCT 28, 1993	.72	11	1.104	SEP 30, 1992	1.57	22	1.192
(B-1-17)31acc-6				MAR 19, 1993	-.09	10	1.192
Altitude³ of MP 4,215.92				APR 28, 1993	-.07	16	1.198
Height of MP 2.22				MAY 25, 1993	-.05	18	1.198
SEP 30, 1992	24.86	13	1.106	AUG 04, 1993	.25	21	1.192
MAR 12, 1993	14.36	6	1.110	OCT 07, 1993	-.01	18	1.192
APR 28, 1993	14.50	15	1.112				
MAY 26, 1993	13.96	16	1.114				
AUG 04, 1993	13.98	19	1.112				

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date			Water level (feet)	Temperature (°C)	Specific grevity	Date			Water level (feet)	Temperature (°C)	Specific gravity
(B-1-17)34dcd-1						⁴(B-1-17)35ccc-1					
Altitude of MP 4,215.61						Altitude of MP 4,216.59					
Height of MP 1.20						Height of MP 1.75					
JAN	28,	1992	.27	6	1.186	JUL	19,	1991	5.34	—	—
MAR	19,	1992	.09	11	1.164	DEC	17,	1991	1.00	—	—
APR	01,	1992	.70	12	1.180	JAN	28,	1992	.58	—	—
JUL	15,	1992	1.11	24	1.182	MAR	19,	1992	1.03	—	—
SEP	29,	1992	2.61	21.5	1.180	JUN	01,	1992	4.81	—	—
MAR	19,	1993	-.02	10	1.180	JUL	15,	1992	4.93	—	—
APR	28,	1993	.00	15	1.186	SEP	23,	1992	5.24	—	—
MAY	25,	1993	-.05	19.5	1.186	SEP	29,	1992	5.29	—	—
AUG	04,	1993	.25	19	1.184	NOV	10,	1992	3.42	—	—
OCT	28,	1993	.12	11	1.186	MAR	19,	1993	.25	—	—
(B-1-17)34ddc-1						APR	28,	1993	.25	—	—
Altitude of MP 4,215.79						MAY	25,	1993	.30	18	1.146
Height of MP 1.40						JUL	07,	1993	1.41	—	—
JAN	28,	1992	.24	4	1.191	AUG	04,	1993	3.35	—	—
MAR	19,	1992	.10	10	1.182	OCT	28,	1993	4.14	—	—
APR	01,	1992	1.11	11	1.180	FEB	17,	1994	1.89	—	—
JUL	15,	1992	2.09	21	1.190	(B-1-17)35ccc-2					
SEP	29,	1992	3.34	21	1.182	Altitude of MP 4,215.99					
MAR	19,	1993	-.01	11	1.174	Height of MP 1.35					
APR	28,	1993	-.09	15	1.176	JAN	28,	1992	.57	4	1.164
MAY	25,	1993	-.09	18	1.176	MAR	19,	1992	1.03	11	1.160
AUG	04,	1993	.52	19.5	1.176	APR	01,	1992	5.43	12	1.154
OCT	28,	1993	.40	12	1.180	JUL	15,	1992	6.40	19	1.164
(B-1-17)34ddd-1						SEP	29,	1992	6.33	19	1.161
Altitude of MP 4,215.79						MAR	19,	1993	.27	9	1.138
Height of MP 1.40						APR	28,	1993	.30	15	1.140
JAN	28,	1992	.20	3	1.174	MAY	25,	1993	.33	17	1.146
MAR	19,	1992	.03	10	1.170	AUG	04,	1993	4.72	16	1.060
APR	01,	1992	2.21	11	1.160	OCT	28,	1993	4.64	15	1.154
JUL	15,	1992	3.53	21	1.182	(B-1-17)35dcc-1					
SEP	29,	1992	4.35	20	1.174	Altitude of MP 4,215.50					
MAR	19,	1993	.05	10	1.172	Height of MP 2.04					
APR	28,	1993	-.03	15	1.168	SEP	28,	1992	2.96	26	1.180
MAY	25,	1993	-.03	18.5	1.166	MAR	17,	1993	.06	13	1.186
AUG	04,	1993	1.88	17	1.172	APR	29,	1993	1.95	14.5	1.182
OCT	28,	1993	1.84	14	1.166	MAY	24,	1993	1.63	23.5	1.178
(B-1-17)35bbb-1						JUN	23,	1993	.96	19.5	1.174
Altitude of MP 4,216.01						AUG	03,	1993	.98	22	1.178
Height of MP 0.59						New Height of MP 1.16					
JUL	16,	1992	Dry	—	—	OCT	27,	1993	1.17	13	1.178
SEP	30,	1992	Dry	—	—	(B-1-17)36baa-1					
MAR	18,	1993	-.03	10	1.148	Altitude of MP 4,216.03					
APR	28,	1993	.13	14	1.154	Height of MP 1.82					
MAY	25,	1993	.21	19	1.162	SEP	28,	1992	2.30	25	1.182
AUG	04,	1993	Dry	—	—	MAR	17,	1993	-.13	12	1.180
OCT	28,	1993	Dry	—	—	APR	29,	1993	1.94	16	1.168
						MAY	24,	1993	1.28	21	1.176

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-1-17)36baa-1—Continued				(B-1-18)12bab-1			
AUG 03, 1993	1.20	24	1.175	Altitude of MP 4,220.44			
New Height of MP 1.14				Height of MP 0.55			
OCT 27, 1993	1.41	16	1.160	JUN 01, 1992	7.99	—	—
(B-1-17)36ccb-1				JUL 17, 1992	Dry	—	—
Altitude of MP 4,215.58				OCT 01, 1992	Dry	—	—
Height of MP 2.17				MAR 23, 1993	7.75	—	—
SEP 28, 1992	1.73	25	1.184	APR 27, 1993	7.48	—	—
MAR 17, 1993	-.29	12	1.186	JUN 03, 1993	6.96	11.5	1.046
APR 29, 1993	1.35	14.5	1.180	AUG 05, 1993	7.10	—	—
MAY 24, 1993	.91	24.5	1.172	OCT 28, 1993	7.67	—	—
AUG 03, 1993	.60	25	1.172	(B-1-18)12bab-2			
New Height of MP 1.25				Altitude of MP 4,220.89			
OCT 27, 1993	1.04	13	1.174	Height of MP 0.85			
(B-1-17)36cdd-1				SEP 05, 1991	8.15	—	—
Altitude of MP 4,215.44				JUN 01, 1992	5.07	15	1.044
Height of MP 0.63				JUL 17, 1992	8.48	15	1.044
OCT 07, 1992	1.26	22	1.164	OCT 01, 1992	9.02	17	1.044
MAR 23, 1993	-.02	10	1.150	MAR 23, 1993	7.76	12	1.040
APR 29, 1993	.67	16	1.144	APR 27, 1993	7.56	14	1.042
MAY 24, 1993	.52	23	1.142	JUN 03, 1993	7.51	11	1.046
AUG 03, 1993	.59	27	1.126	AUG 05, 1993	7.88	12	1.040
OCT 27, 1993	1.16	13	1.132	OCT 28, 1993	7.70	—	—
(B-1-17)36dbc-1				(B-1-18)12dba-1			
Altitude of MP 4,215.80				Altitude of MP 4,217.49			
Height of MP 2.25				Height of MP 1.72			
SEP 28, 1992	1.27	23	1.170	MAY 26, 1993	1.92	16	1.106
MAR 17, 1993	-.40	11	1.174	AUG 05, 1993	1.73	21	1.120
APR 29, 1993	.71	14	1.172	OCT 10, 1993	2.16	16	1.120
MAY 24, 1993	.29	22.5	1.172	(B-1-18)14bbd-1			
AUG 03, 1993	.24	25	1.176	Altitude of MP 4,221.47			
New Height of MP 1.08				Height of MP 0.63			
OCT 27, 1993	1.12	13	1.166	JUN 01, 1992	10.41	13	1.062
(B-1-18)12acc-1				JUL 17, 1992	10.69	15	1.074
Altitude of MP 4,217.70				OCT 01, 1992	11.17	14	1.072
Height of MP 0.93				MAR 23, 1993	6.38	12	1.060
MAY 26, 1993	2.13	—	—	APR 27, 1993	6.52	14	1.064
AUG 05, 1993	2.68	—	—	MAY 26, 1993	7.16	15	1.058
OCT 10, 1993	3.12	17	1.100	AUG 05, 1993	8.07	14	1.058
				OCT 28, 1993	8.90	15	1.056
				(B-1-18)14bbd-2			
				Altitude of MP 4,221.71			
				Height of MP 0.94			
				JUN 01, 1992	10.45	13	1.062
				JUL 17, 1992	10.69	13.5	1.060
				OCT 01, 1992	11.35	14	1.058
				MAR 23, 1993	4.45	10	1.056
				APR 27, 1993	7.21	14	1.058
				MAY 26, 1993	7.86	15	1.050

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-1-18)14bbd-2—Continued				(B-1-18)27aaa-1			
AUG 05, 1993	8.24	15	1.052	Altitude of MP 4,218.77			
OCT 28, 1993	8.70	15	1.054	Height of MP 1.5			
(B-1-18)14cad-1				APR 02, 1992	4.50	10	1.100
Altitude of MP 4,219.44				JUL 10, 1992	5.31	14	1.170
Height of MP 1.55				OCT 01, 1992	6.06	19	—
MAY 26, 1993	3.45	17	1.084	MAR 23, 1993	3.70	10	1.064
AUG 05, 1993	3.99	19	1.086	APR 27, 1993	4.02	13	1.064
OCT 10, 1993	4.54	—	—	MAY 26, 1993	4.15	15.5	1.066
(B-1-18)23aaa-1				AUG 05, 1993	4.23	18	1.068
Altitude of MP 4,216.53				OCT 28, 1993	4.68	15	1.068
Height of MP 1.15				(B-1-18)31acc-1			
APR 02, 1992	2.27	11	1.160	Altitude of MP 4,233.22			
JUL 10, 1992	2.42	14	1.160	Height of MP 2.40			
OCT 01, 1992	2.76	21	1.150	OCT 01, 1992	18.94	14	1.001
MAR 23, 1993	.85	10	1.160	MAR 23, 1993	19.35	16	1.000
APR 27, 1993	1.56	14	1.154	APR 27, 1993	18.60	17	1.000
MAY 26, 1993	1.59	16	1.160	JUN 02, 1993	17.57	14	1.002
AUG 05, 1993	1.49	20	1.150	AUG 09, 1993	17.50	16	1.002
OCT 10, 1993	2.31	18	1.156	OCT 11, 1993	18.82	13.5	1.000
(B-1-18)23aba-1				(B-1-18)31acd-1			
Altitude of MP 4,217.96				Altitude of MP 4,229.96			
Height of MP 2.03				Height of MP 2.10			
MAY 26, 1993	2.10	15	1.130	OCT 01, 1992	15.93	13.5	1.002
AUG 05, 1993	2.02	20	1.128	MAR 23, 1993	16.32	12	1.002
OCT 10, 1993	2.72	18	1.128	APR 27, 1993	15.57	13	1.002
(B-1-18)23add-1				JUN 02, 1993	14.79	13	1.002
Altitude of MP 4,216.06				AUG 09, 1993	14.50	15	1.002
Height of MP 2.55				OCT 11, 1993	15.80	13	1.002
MAY 26, 1993	-.03	16	1.162	(B-1-18)31bda-1			
AUG 05, 1993	1.10	20	1.158	Altitude⁵ of MP 4,243.52			
New Height of MP 1.47				Height of MP 1.4			
OCT 10, 1993	1.56	17	1.160	OCT 01, 1992	29.70	17	1.000
(B-1-18)24aac-1				MAR 23, 1993	30.19	17	1.000
Altitude of MP 4,215.29				APR 27, 1993	29.49	18	1.000
Height of MP 0.93				JUN 02, 1993	28.75	16.5	1.000
JUL 17, 1992	1.24	25	1.180	AUG 09, 1993	28.52	18	1.000
OCT 01, 1992	1.74	22	1.178	OCT 11, 1993	29.73	—	—
MAR 23, 1993	.17	10	1.184	(B-1-18)31bda-2			
APR 27, 1993	.44	13	1.180	Altitude⁵ of MP 4,243.97			
MAY 26, 1993	.29	15	1.180	Height of MP 1.85			
AUG 05, 1993	.57	21	1.180	OCT 01, 1992	29.94	17	1.000
OCT 28, 1993	.86	15	1.172	MAR 23, 1993	30.35	18	1.000
				APR 27, 1993	29.60	19	1.000
				JUN 02, 1993	28.83	17	1.000
				AUG 09, 1993	28.67	19	1.004
				OCT 11, 1993	29.92	16	1.000

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date		Water level (feet)	Temperature (°C)	Specific gravity	Date		Water level (feet)	Temperature (°C)	Specific gravity
(B-1-18)31bda-3					(B-1-18)32ccc-1				
Altitude of MP 4,242.52					Altitude ³ of MP 4,219.82				
Height of MP 0.4					Height of MP 1.00				
OCT 01,	1992	30.12	17	1.001	JUL 10,	1992	8.03	16	1.060
MAR 23,	1993	30.54	20	1.000	OCT 01,	1992	7.80	17	1.062
APR 27,	1993	29.78	19	1.000	MAR 23,	1993	4.59	11	1.064
JUN 02,	1993	29.02	16.5	1.000	APR 27,	1993	4.74	12	1.064
AUG 09,	1993	28.82	18	1.000	MAY 26,	1993	4.56	14	1.064
OCT 11,	1993	30.05	15.5	1.000	AUG 05,	1993	5.20	15	1.060
(B-1-18)31bdd-1					OCT 28,	1993	5.67	15	1.062
Altitude of MP 4,233.08					(B-1-18)32ccc-2				
Height of MP 1.45					Altitude ³ of MP 4,221.35				
OCT 01,	1992	18.79	14.5	1.000	Height of MP 2.54				
MAR 23,	1993	20.38	16	1.000	JUL 10,	1992	7.96	15	1.060
APR 27,	1993	18.89	17	1.001	OCT 01,	1992	7.69	16	1.062
JUN 02,	1993	16.53	14.5	1.002	MAR 23,	1993	4.66	11	1.062
AUG 09,	1993	17.92	17	1.002	APR 27,	1993	4.76	12	1.064
OCT 11,	1993	18.60	15	1.000	MAY 26,	1993	4.95	14	1.066
(B-1-18)31dac-1					AUG 05,	1993	5.15	16	1.060
Altitude ⁵ of MP 4,225.08					OCT 28,	1993	5.47	15	1.060
Height of MP 1.36					(B-1-18)33ccd-1				
OCT 01,	1992	10.52	13	1.006	Altitude of MP 4,216.18				
MAR 23,	1993	10.73	15	1.006	Height of MP 1.10				
APR 27,	1993	10.79	14	1.004	APR 02,	1992	1.92	11	1.175
MAY 26,	1993	10.79	16	1.006	JUL 10,	1992	1.40	15	1.174
AUG 09,	1993	10.65	15	1.004	OCT 01,	1992	2.22	20	1.164
OCT 11,	1993	10.71	14	1.002	MAR 23,	1993	1.16	10	1.170
(B-1-18)31dac-2					APR 27,	1993	1.43	13	1.164
Altitude of MP 4,224.75					MAY 26,	1993	1.23	15	1.166
Height of MP 1.03					AUG 05,	1993	1.25	21	1.162
OCT 01,	1992	12.50	13	1.022	OCT 28,	1993	1.74	16	1.164
MAR 23,	1993	12.53	15	1.020	(B-1-18)34bbb-1				
APR 27,	1993	13.07	14	1.018	Altitude of MP 4,216.97				
MAY 26,	1993	12.97	16	1.026	Height of MP 1.10				
AUG 09,	1993	12.26	15	1.028	APR 02,	1992	2.69	11	1.161
OCT 11,	1993	13.19	14	1.026	JUL 10,	1992	2.80	16	1.160
(B-1-18)31dac-3					OCT 01,	1992	2.96	20	1.156
Altitude ⁵ of MP 4,225.42					MAR 23,	1993	1.38	10	1.158
Height of MP 1.70					APR 27,	1993	1.99	14	1.150
OCT 01,	1992	11.19	13	1.006	MAY 26,	1993	1.99	16.5	1.152
MAR 23,	1993	11.76	15	1.004	AUG 05,	1993	1.80	20	1.152
APR 27,	1993	11.28	16	1.004	OCT 28,	1993	2.31	15	1.154
MAY 26,	1993	10.80	17	1.004	(B-2-16)30cdd-1				
AUG 09,	1993	10.34	14	1.002	Altitude ¹ of MP 4,216.0				
OCT 11,	1993	11.36	14	1.002	Height of MP 1.22				
					JUL 16,	1992	.22	25	1.162
					APR 27,	1993	-.09	15	1.152

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-2-17)22ddd-1				(B-2-17)33dcc-1—Continued			
Altitude of MP 4,218.35				APR 27, 1993	1.37	15	1.148
Height of MP 0.75				JUN 03, 1993	1.37	16	1.148
APR 02, 1992	4.45	10	1.106	AUG 05, 1993	1.09	20	1.144
JUL 17, 1992	6.11	17	1.110	OCT 28, 1993	1.49	15	1.141
OCT 01, 1992	5.24	20	1.104	(B-2-17)35aba-1			
MAR 24, 1993	1.74	8	1.108	Altitude of MP 4,216.55			
APR 27, 1993	3.43	14	1.106	Height of MP 1.75			
JUN 03, 1993	3.63	13.5	1.106	APR 02, 1992	1.04	11	1.140
AUG 05, 1993	4.30	20	1.102	JUL 17, 1992	1.37	23	1.160
OCT 28, 1993	3.72	17	1.102	SEP 30, 1992	1.97	22	1.162
(B-2-17)25aaa-1				JUN 03, 1993	1.11	16	1.160
Altitude of MP 4,216.28				AUG 05, 1993	.66	21	1.150
Height of MP 1.05				OCT 05, 1993	1.17	18	1.152
APR 02, 1992	1.65	13	1.164	OCT 28, 1993	1.06	15	1.156
OCT 01, 1992	2.30	22	1.190	(B-2-17)36ddd-1			
APR 27, 1993	1.38	15	1.148	Altitude of MP 4,215.02			
JUN 03, 1993	1.68	18	1.158	Height of MP 1.35			
AUG 05, 1993	.89	24	1.156	MAR 20, 1992	-.01	11.5	1.200
OCT 28, 1993	.88	15	1.162	JUL 16, 1992	.18	20	1.192
(B-2-17)32ccc-1				SEP 30, 1992	1.23	19	1.188
Altitude of MP 4,219.29				APR 27, 1993	-.37	15	1.180
Height of MP 0.68				AUG 03, 1993	-.16	20	1.190
JUN 01, 1992	5.70	17.5	1.080	OCT 05, 1993	-.06	16.5	1.188
JUL 17, 1992	5.72	17	1.078	(C-1-17)2bba-1			
OCT 01, 1992	6.16	20	1.072	Altitude of MP 4,215.29			
MAR 23, 1993	2.85	11	1.072	Height of MP 0.85			
APR 27, 1993	4.52	14	1.072	SEP 28, 1992	2.05	23	1.140
JUN 03, 1993	4.76	12	1.078	MAR 17, 1993	-.55	15	1.020
AUG 05, 1993	4.61	17	1.080	APR 29, 1993	1.24	14.5	1.158
OCT 05, 1993	5.13	17	1.082	MAY 24, 1993	.82	22	1.120
(B-2-17)33aaa-1				AUG 03, 1993	.93	23	1.120
Altitude ¹ of MP 4,218.0				OCT 27, 1993	1.20	17	1.152
Height of MP 1.00				(C-1-17)3abb-1			
APR 02, 1992	4.33	12	1.125	Altitude of MP 4,215.86			
JUL 17, 1992	4.59	18	1.126	Height of MP 1.50			
OCT 01, 1992	5.19	20	1.122	SEP 28, 1992	6.05	—	—
MAR 24, 1993	1.60	8	1.122	MAR 17, 1993	.90	11	1.108
APR 27, 1993	3.14	15	1.084	APR 29, 1993	.42	14	1.114
JUN 03, 1993	3.57	13	1.118	MAY 24, 1993	.37	22.5	1.106
AUG 05, 1993	3.56	19	1.114	AUG 03, 1993	4.96	19	1.166
OCT 05, 1993	4.12	20	1.118	OCT 27, 1993	5.12	13	1.164
(B-2-17)33dcc-1				(C-1-17)3dda-1			
Altitude of MP 4,216.02				Altitude of MP 4,215.99			
Height of MP 0.95				Height of MP 1.10			
APR 02, 1992	2.12	11	1.150	APR 03, 1992	1.15	12	1.164
JUL 10, 1992	1.95	14	1.148	SEP 28, 1992	2.87	23	1.180
OCT 01, 1992	2.75	21	1.144	MAR 17, 1993	-.17	8	1.166
MAR 24, 1993	.17	8	1.148				

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(C-1-17)3dda-1—Continued				(C-1-17)9aaa-1			
APR 29, 1993	1.57	14	1.178	Altitude of MP 4,214.92			
MAY 25, 1993	1.17	19	1.170	Height of MP 0.45			
AUG 03, 1993	1.20	23	1.162	SEP 29, 1992	2.60	22	1.170
OCT 27, 1993	1.53	17	1.142	MAR 18, 1993	.00	9	1.164
(C-1-17)4acc-1				APR 28, 1993	-.17	15	1.182
Altitude of MP 4,215.60				MAY 25, 1993	-.11	20	1.174
Height of MP 1.10				AUG 04, 1993	.26	20	1.176
JUL 15, 1992	.30	25	1.200	OCT 08, 1993	.53	21	1.188
SEP 29, 1992	1.46	20.5	1.190	(C-1-17)9ccc-1			
MAR 18, 1993	-.10	10	1.190	Altitude of MP 4,215.27			
APR 29, 1993	-.15	19	1.188	Height of MP 0.80			
(MAY 25, 1993	-.10	17	1.194	JUL 16, 1992	3.92	17	1.178
AUG 04, 1993	.06	19	1.192	SEP 28, 1992	4.56	21	1.181
OCT 07, 1993	-.04	18	1.192	MAY 24, 1993	.00	18	1.146
(C-1-17)4bba-1				AUG 03, 1993	2.55	17	1.152
Altitude of MP 4,215.09				OCT 08, 1993	3.87	16	1.162
Height of MP 0.63				(C-1-17)10aac-1			
JUL 15, 1992	.43	25	1.190	Altitude of MP 4,215.86			
SEP 29, 1992	1.58	21	1.186	Height of MP 2.15			
MAR 19, 1993	-.02	9	1.190	SEP 28, 1992	2.01	24	1.178
APR 28, 1993	.00	14	1.188	MAR 17, 1992	2.70	11	1.182
MAY 25, 1993	-.01	18	1.192	APR 29, 1993	1.39	13.5	1.180
AUG 04, 1993	.39	20	1.190	MAY 24, 1993	1.02	22	1.174
OCT 07, 1993	.14	18	1.190	JUN 23, 1993	1.04	19	1.174
(C-1-17)4bdd-1				AUG 03, 1993	.71	24	1.172
Altitude of MP 4,215.58				New Height of MP 1.21			
Height of MP 1.00				OCT 27, 1993	1.34	14	1.176
JUL 15, 1992	.37	24	1.200	(C-1-17)14bbb-1			
SEP 29, 1992	1.54	21	1.191	Altitude of MP 4,216.77			
MAR 18, 1993	-.04	10	1.190	Height of MP 1.17			
APR 29, 1993	.00	18	1.188	OCT 07, 1992	1.42	23	1.178
MAY 25, 1993	-.06	16	1.190	MAR 23, 1993	.21	13	1.184
AUG 04, 1993	.26	19	1.190	APR 29, 1993	.79	15	1.182
OCT 07, 1993	.06	18	1.186	MAY 24, 1993	.77	25	1.182
(C-1-17)5ddc-1				AUG 03, 1993	1.34	23	1.180
Altitude of MP 4,215.42				OCT 28, 1993	1.40	16	1.178
Height of MP 1.10				(C-1-17)15bbb-1			
MAR 19, 1992	.33	11	1.200	Altitude of MP 4,215.99			
JUL 16, 1992	.62	22	1.192	Height of MP 1.25			
SEP 29, 1992	1.48	20.5	1.190	APR 03, 1992	2.22	13	1.180
MAR 18, 1993	-.10	10	1.194	JUL 16, 1992	1.06	24	1.172
APR 28, 1993	-.09	15	1.192	SEP 28, 1992	1.75	24	1.170
MAY 25, 1993	.00	19	1.194	MAR 17, 1993	-.06	9	1.164
AUG 04, 1993	.40	20	1.190	APR 29, 1993	1.63	14	1.154
OCT 08, 1993	.09	15	1.190	MAY 24, 1993	1.54	20	1.164
				AUG 03, 1993	.97	23	1.134
				OCT 08, 1993	1.49	20	1.070

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(C-1-17)15dbd-1				(C-1-17)17cdd-1			
Altitude of MP 4,217.39				Altitude of MP 4,215.93			
Height of MP 1.12				Height of MP 1.27			
MAR 19, 1992	0.78	12	1.186	JUN 01, 1992	4.05	20	1.158
JUL 15, 1992	.95	27	1.178	JUL 10, 1992	4.19	19	1.160
SEP 28, 1992	1.43	24	1.180	OCT 02, 1992	4.42	20	1.162
MAR 17, 1993	.18	10	1.176	APR 30, 1993	-1.12	14	1.170
APR 29, 1993	.50	14	1.180	JUN 02, 1993	-.88	15	1.044
MAY 24, 1993	.36	21	1.172	AUG 02, 1993	2.56	18	1.100
AUG 02, 1993	.64	26	1.170	OCT 05, 1993	4.05	20.5	1.130
OCT 27, 1993	1.13	15.5	1.174				
(C-1-17)15dcc-1				(C-1-17)18bbb-1			
Altitude of MP 4,219.02				Altitude of MP 4,214.79			
Height of MP 2.06				Height of MP 1.00			
OCT 02, 1992	1.88	23	1.148	MAR 19, 1992	.00	11	1.203
MAR 09, 1993	.04	8	1.162	JUL 15, 1992	.70	23	1.206
APR 30, 1993	.91	13	1.158	SEP 28, 1992	1.61	18	1.200
MAY 27, 1993	1.00	16	1.156	MAR 19, 1993	-.40	11	1.200
AUG 02, 1993	.93	24	1.152	APR 29, 1993	-.41	15	1.180
OCT 10, 1993	1.56	17	1.152	JUN 02, 1993	-.28	19	1.192
(C-1-17)16dac-1				AUG 03, 1993	.36	19.5	1.190
Altitude of MP 4,216.79				OCT 27, 1993	.12	12	1.196
Height of MP 1.23				(C-1-17)18bbb-2			
NOV 12, 1991	.54	15	1.160	Altitude of MP 4,215.12			
MAR 19, 1992	.11	12	1.120	Height of MP 1.25			
JUL 15, 1992	.96	25	1.134	MAR 19, 1992	.00	10	1.201
SEP 28, 1992	1.90	24	1.148	JUL 15, 1992	.79	24	1.196
MAR 17, 1993	.28	9	1.152	SEP 28, 1992	1.73	17	1.190
APR 29, 1993	.52	14	1.146	MAR 19, 1993	-.25	11	1.196
MAY 24, 1993	.55	23	1.144	APR 29, 1993	-.29	16	1.198
AUG 02, 1993	.63	26	1.162	JUN 02, 1993	-.34	18	1.186
OCT 08, 1993	.43	21	1.158	AUG 03, 1993	.40	18	1.188
((C-1-17)17bba-1				OCT 27, 1993	.13	13	1.190
Altitude of MP 4,215.43				(C-1-17)18bbb-3			
Height of MP 1.25				Altitude of MP 4,214.91			
MAR 19, 1992	.04	11	1.196	Height of MP 1.15			
JUL 16, 1992	.90	21	1.190	MAR 19, 1992	-.05	11	1.200
SEP 28, 1992	1.87	20	1.186	JUL 15, 1992	.72	23	1.200
MAR 19, 1993	-.09	11	1.190	SEP 28, 1992	1.63	18	1.192
APR 28, 1993	-.12	14	1.190	MAR 19, 1993	-.50	11	1.196
MAY 24, 1993	-.07	18	1.188	APR 29, 1993	-.45	18	1.198
AUG 03, 1993	.65	19	1.182	JUN 02, 1993	-.33	18	1.188
OCT 08, 1993	.46	18	1.182	AUG 03, 1993	.36	19	1.190
(C-1-17)17cda-1				OCT 27, 1993	.10	12.5	1.190
Altitude of MP 4,215.30							
Height of MP 0.84							
OCT 07, 1992	7.03	21	1.146				
AUG 02, 1993	4.73	17	1.132				
OCT 09, 1993	6.37	17	1.128				

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(C-1-17)18cab-1				(C-1-18)3dcd-2			
Altitude of MP 4,215.60				Altitude of MP 4,215.15			
Height of MP 1.70				Height of MP 1.40			
NOV 12, 1991	1.29	13	1.199	MAR 19, 1992	0.08	10	1.207
MAR 19, 1992	.52	10	1.200	JUL 15, 1992	.35	23	1.206
JUL 15, 1992	2.44	18	1.190	APR 29, 1993	-.36	17	1.198
SEP 28, 1992	3.08	20	1.186	AUG 03, 1993	.12	21	1.194
MAR 10, 1993	-1.62	8	1.190	OCT 11, 1993	.01	11	1.200
APR 29, 1993	-.41	17	1.192	(C-1-18)6abb-1			
JUN 02, 1993	-.38	17	1.190	Altitude ⁵ of MP 4,218.43			
AUG 02, 1993	1.51	19	1.186	Height of MP 1.85			
OCT 27, 1993	1.43	14	1.188	OCT 01, 1992	5.77	17	1.062
(C-1-17)22abb-1				MAR 23, 1993	5.74	12	1.066
Altitude of MP 4,219.17				APR 27, 1993	5.73	13.5	1.064
Height of MP 2.05				MAY 26, 1993	5.67	15	1.064
OCT 02, 1992	2.20	24	1.147	AUG 09, 1993	5.56	15	1.062
MAR 29, 1993	-1.45	15	1.140	OCT 11, 1993	5.83	14	1.062
APR 30, 1993	.59	14	1.142	(C-1-18)6abb-2			
MAY 27, 1993	.73	15.5	1.144	Altitude of MP 4,217.53			
AUG 02, 1993	.95	22	1.142	Height of MP 0.95			
OCT 10, 1993	1.65	17	1.140	OCT 01, 1992	12.72	14	1.064
(C-1-17)23bbb-1				MAR 23, 1993	10.60	13	1.062
Altitude of MP 4,217.43				APR 27, 1993	11.49	14	1.064
Height of MP 0.25				MAY 26, 1993	11.23	16	1.066
JUN 01, 1992	1.65	21	1.162	AUG 09, 1993	11.02	13	1.064
JUL 17, 1992	1.77	23	1.160	OCT 11, 1993	12.90	12.5	1.064
(C-1-18)1acc-1				(C-1-18)6abb-3			
Altitude of MP 4,214.71				Altitude ⁵ of MP 4,217.88			
Height of MP 0.89				Height of MP 1.30			
JUN 01, 1992	.47	22	1.204	OCT 01, 1992	8.65	15	1.054
JUL 15, 1992	.18	26	1.200	MAR 23, 1993	10.56	14	1.052
SEP 29, 1992	.67	—	—	APR 27, 1993	10.75	15	1.052
APR 28, 1993	-.17	15	1.170	MAY 26, 1993	10.60	17	1.058
MAY 25, 1993	-.20	26.5	1.180	AUG 09, 1993	12.04	13	1.052
AUG 04, 1993	.30	—	—	OCT 11, 1993	11.06	13	1.054
OCT 08, 1993	.22	19	1.202	(C-1-18)6adc-1			
(C-1-18)3dcd-1				Altitude ⁶ of MP 4,217.0			
Altitude of MP 4,215.21				Height of MP 1.54			
Height of MP 1.35				OCT 01, 1992	2.65	18.5	1.062
MAR 19, 1992	.10	10	1.200	MAR 23, 1993	2.66	10	1.062
JUL 15, 1992	.18	22	1.200	APR 27, 1993	2.59	12	1.062
APR 29, 1993	-.57	15	1.196	MAY 26, 1993	2.52	16	1.066
AUG 03, 1993	-.09	18	1.186	AUG 09, 1993	2.44	19	1.060
OCT 11, 1993	.25	15	1.192	OCT 28, 1993	2.49	15	1.062

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date		Water level (feet)	Temperature (°C)	Specific gravity	Date		Water level (feet)	Temperature (°C)	Specific gravity
(C-1-18)6adc-2					(C-1-18)11ccd-1—Continued				
Altitude ⁶ of MP 4,216.9									
Height of MP 1.46									
OCT 01,	1992	9.14	14	1.082	SEP 28,	1992	1.16	19	1.198
MAR 23,	1993	10.74	13	1.076	APR 29,	1993	-.47	16	1.194
APR 27,	1993	10.83	12	1.074	JUN 02,	1993	-.23	16.5	1.190
MAY 26,	1993	10.84	15	1.080	AUG 03,	1993	.35	19.5	1.189
AUG 09,	1993	10.86	16	1.078	OCT 11,	1993	.73	16	1.192
OCT 28,	1993	11.06	14	1.080	(C-1-18)11ccd-2				
(C-1-18)6adc-3					Altitude of MP 4,215.24				
Altitude of MP 4,216.76					Height of MP 1.55				
Height of MP 1.29									
JUL 13,	1993	.20	—	—	MAR 19,	1992	.01	10	1.206
OCT 28,	1993	1.71	15	1.048	JUL 16,	1992	.59	24.5	1.200
(C-1-18)6ccd-1					SEP 28,	1992	.94	18	1.202
Altitude of MP 4,216.36					APR 29,	1993	-.28	17	1.196
Height of MP 0.74					JUN 02,	1993	.15	17	1.198
SEP 29,	1992	2.42	21	1.148	AUG 03,	1993	.32	21	1.192
MAR 10,	1993	.07	7	1.150	OCT 11,	1993	.58	14	1.200
APR 27,	1993	1.45	12	1.148	(C-1-18)12bba-1				
MAY 26,	1993	1.47	16.5	1.150	Altitude ³ of MP 4,215.33				
AUG 02,	1993	1.56	24	1.148	Height of MP 1.75				
OCT 09,	1993	2.03	—	—					
OCT 27,	1993	1.74	12.5	1.148	MAR 19,	1992	.01	9	1.202
(C-1-18)9adc-1					JUL 15,	1992	.27	23	1.200
Altitude of MP 4,215.04					SEP 30,	1992	.97	18	1.198
Height of MP 1.49					APR 29,	1993	-.48	17	1.198
JUN 01,	1992	.18	21	1.202	JUN 02,	1993	-.27	18	1.190
JUL 15,	1992	.23	25	1.202	OCT 27,	1993	-.06	12	1.194
SEP 29,	1992	.88	18	1.181	(C-1-18)13cac-1				
MAR 10,	1993	-.56	9	1.164	Altitude of MP 4,215.06				
APR 28,	1993	-.61	12	1.174	Height of MP 1.85				
MAY 26,	1993	-.28	17	1.190	OCT 02,	1992	2.67	19	1.198
AUG 04,	1993	.05	18	1.196	OCT 05,	1993	1.01	18	1.060
OCT 09,	1993	.31	—	—	(C-1-18)13cdb-1				
(C-1-18)9adc-2					Altitude of MP 4,215.03				
Altitude of MP 4,214.72					Height of MP 2.08				
Height of MP 2.47									
MAR 10,	1993	-2.39	8	1.100	OCT 02,	1992	2.97	18	1.120
APR 28,	1993	—	14	1.102	AUG 02,	1993	1.65	22	1.178
MAY 26,	1993	—	18	1.106	OCT 05,	1993	1.64	19	1.174
AUG 04,	1993	-1.98	21	1.100	(C-1-18)13cdc-1				
OCT 09,	1993	-.45	14.5	1.104	Altitude of MP 4,213.57				
(C-1-18)11ccd-1					Height of MP 2.07				
Altitude ³ of MP 4,214.97									
Height of MP 1.30					OCT 02,	1992	8.24	—	—
MAR 19,	1992	.11	9	1.202	MAR 09,	1993	-.56	10	1.184
JUL 16,	1992	.57	24	1.200	APR 30,	1993	-.64	15	1.180
					JUN 02,	1993	-.30	13	1.072
					AUG 02,	1993	7.63	20	1.132
					OCT 05,	1993	7.71	18	1.140

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(C-1-18)14cbb-1				(C-1-18)15caa-2			
Altitude ³ of MP 4,215.08				Altitude of MP 4,216.47			
Height of MP 1.58				Height of MP 1.22			
NOV 12, 1991	0.42	12	1.210	JUL 21, 1992	3.15	22	1.198
MAR 19, 1992	.16	9	1.210	SEP 29, 1992	3.90	21	1.192
JUL 15, 1992	1.55	25	1.202	MAR 19, 1993	.74	8	1.198
SEP 28, 1992	2.58	19	1.192	APR 29, 1993	.68	14	1.200
MAR 18, 1993	-.63	10	1.188	JUN 02, 1993	.95	19.5	1.190
APR 29, 1993	-.69	15	1.190	AUG 02, 1993	2.04	24	1.192
JUN 02, 1993	-.32	18	1.178	OCT 27, 1993	2.25	16	1.194
AUG 02, 1993	1.18	22	1.178	(C-1-18)16aab-1			
OCT 11, 1993	1.54	16	1.182	Altitude ³ of MP 4,215.02			
(C-1-18)14ccb-1				Height of MP 1.40			
Altitude of MP 4,216.37				SEP 29, 1992	.64	17	1.200
Height of MP 0.70				MAR 19, 1993	-.40	10	1.198
JUL 21, 1992	7.42	19	1.164	APR 29, 1993	-.48	17	1.200
OCT 02, 1992	7.81	20	1.166	JUN 02, 1993	-.20	19	1.194
MAR 09, 1993	2.31	4	1.142	AUG 03, 1993	.09	21	1.192
APR 30, 1993	1.69	14	1.134	OCT 11, 1993	.24	12	1.196
MAY 27, 1993	2.98	17	1.082	(C-1-18)16ada-1			
AUG 02, 1993	7.03	18	1.144	Altitude of MP 4,215.61			
OCT 05, 1993	7.32	19	1.160	Height of MP 1.16			
(C-1-18)15abc-1				MAR 19, 1992	.34	10	1.204
Altitude of MP 4,214.71				JUL 15, 1992	1.18	21	1.202
Height of MP 0.95				OCT 02, 1992	2.19	20	1.198
MAR 19, 1992	.25	10	1.200	MAR 19, 1993	-.74	10	1.198
JUL 15, 1992	1.12	24	1.200	APR 29, 1993	-.61	17	1.192
SEP 28, 1992	1.94	19	1.194	JUN 02, 1993	-.15	18.5	1.190
APR 29, 1993	-.53	17	1.198	AUG 03, 1993	1.07	19	1.190
JUN 02, 1993	-.22	18	1.190	OCT 11, 1993	1.26	15	1.190
AUG 03, 1993	.92	20	1.188	(C-1-18)16bcc-1			
OCT 11, 1993	1.33	18	1.188	Altitude of MP 4,214.69			
(C-1-18)15abc-2				Height of MP 0.88			
Altitude ³ of MP 4,215.74				JUL 15, 1992	.54	22	1.200
Height of MP 1.14				SEP 29, 1992	Dry	—	—
JUL 15, 1992	.01	23	1.206	MAR 19, 1993	-.48	16	1.194
MAR 19, 1993	-.50	11	1.194	APR 29, 1993	-.47	19	1.198
APR 29, 1993	-.56	15	1.200	JUN 02, 1993	-.23	20	1.200
AUG 03, 1993	.01	20	1.194	AUG 02, 1993	.16	23	1.198
OCT 11, 1993	.20	14	1.196	OCT 11, 1993	.45	10	1.200
(C-1-18)15caa-1				(C-1-18)16dda-1			
Altitude of MP 4,215.73				Altitude of MP 4,214.27			
Height of MP 1.02				Height of MP 2.00			
JUL 21, 1992	3.43	23	1.200	JUL 21, 1992	6.85	17	1.180
SEP 29, 1992	4.24	21	1.194	OCT 02, 1992	7.10	17.5	1.162
MAR 19, 1993	.53	8	1.200	MAR 09, 1993	-.25	8	1.120
APR 29, 1993	.46	18	1.198	APR 30, 1993	-.50	13	1.120
JUN 02, 1993	.98	19	1.194	MAY 27, 1993	5.08	17	1.150
AUG 02, 1993	2.36	23	1.194	AUG 02, 1993	6.64	17	1.172
OCT 27, 1993	2.08	15	1.192	OCT 05, 1993	6.34	17	1.170

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(C-1-18)17acb-1				(C-1-19)11acc-1			
Altitude of MP 4,214.25				Altitude of MP 4,220.12			
Height of MP 0.80				Height of MP 1.75			
MAR 19, 1992	-0.07	10	1.210	SEP 28, 1992	3.04	20	1.068
JUL 15, 1992	.69	22	1.208	MAR 10, 1993	1.23	7	1.068
SEP 29, 1992	1.12	18	1.196	APR 27, 1993	2.35	12	1.070
MAR 19, 1993	-.64	10	1.200	MAY 26, 1993	2.40	14	1.072
AUG 13, 1993	.27	19	1.190	AUG 02, 1993	2.59	19	1.070
OCT 11, 1993	.23	17	1.192	OCT 27, 1993	2.20	15	1.070
(C-1-18)17acb-2				(C-1-19)11ccc-1			
Altitude of MP 4,214.36				Altitude of MP 4,218.80			
Height of MP 0.85				Height of MP 2.63			
MAR 19, 1992	-.07	10	1.220	SEP 28, 1992	2.76	19	1.048
JUL 15, 1992	.75	22	1.202	MAR 10, 1993	—	5	1.050
SEP 29, 1992	.86	17	1.198	APR 27, 1993	1.74	11	1.048
MAR 19, 1993	-.55	10	1.204	MAY 26, 1993	1.96	14	1.052
APR 30, 1993	-.66	13	1.170	JUN 16, 1993	2.16	13.5	1.060
JUN 02, 1993	-.38	17	1.192	AUG 02, 1993	2.57	18	1.050
AUG 13, 1993	.35	18	1.196	New Height of MP 1.12			
OCT 11, 1993	.34	16	1.196	OCT 27, 1993	2.12	14.5	1.050
(C-1-18)17acc-1				(C-1-19)13bcb-1			
Altitude of MP 4,215.91				Altitude of MP 4,216.67			
Height of MP 1.40				Height of MP 1.34			
JUL 15, 1992	1.96	23	1.200	SEP 28, 1993	.55	20	1.034
SEP 29, 1992	2.28	20	1.192	OCT 27, 1993	.56	14	1.036
MAR 19, 1993	.33	11	1.200	Pilot Valley			
APR 30, 1993	.38	13	1.192	(B-2-19)15cdc-1			
JUN 02, 1993	.62	17.5	1.192	Altitude of MP 4,258.36			
AUG 02, 1993	1.28	22	1.190	Height of MP 2.50			
OCT 11, 1993	1.43	17	1.190	OCT 07, 1992	7.73	13	1.004
(C-1-18)18dbd-1				APR 22, 1993	1.72	12	1.008
Altitude of MP 4,217.34				MAY 20, 1993	2.10	18	1.008
Height of MP 1.26				JUL 28, 1993	2.55	23	1.006
JUL 21, 1992	4.42	20	1.176	SEP 28, 1993	3.65	19	1.006
OCT 02, 1992	4.52	20	1.170	(B-3-18)7ccc-1			
MAR 09, 1993	2.91	9	1.184	Altitude of MP 4,244.73			
APR 30, 1993	2.33	13	1.180	Height of MP 1.25			
MAY 27, 1993	2.46	17	1.172	JUN 18, 1992	4.07	—	—
AUG 02, 1993	3.65	21	1.168	JUL 08, 1992	4.68	17	1.040
OCT 05, 1993	3.79	21	1.168	OCT 06, 1992	5.89	—	—
(C-1-19)1ccc-1				FEB 04, 1993	5.54	2	1.008
Altitude of MP 4,218.22				APR 22, 1993	3.70	12	1.010
Height of MP 0.60				MAY 20, 1993	3.61	16	1.010
SEP 29, 1992	4.09	19	1.080	JUL 28, 1993	4.52	—	—
MAR 10, 1993	.84	6	1.076	SEP 28, 1993	5.45	16	1.010
APR 27, 1993	3.22	10	1.080				
MAY 26, 1993	3.28	12	1.084				
AUG 02, 1993	3.30	18	1.080				
OCT 09, 1993	3.54	—	—				

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-3-18)7ccc-2				(B-3-18)7ccc-6—Continued			
Altitude of MP 4,246.38				FEB 04, 1993	5.07	—	—
Height of MP 2.86				APR 22, 1993	3.35	13	1.018
JUN 18, 1992	0.64	—	—	MAY 20, 1993	3.49	16	1.014
JUL 08, 1992	.78	18	1.000	JUL 28, 1993	4.26	20	1.014
OCT 06, 1992	.93	15	1.004	SEP 28, 1993	4.76	22	1.014
FEB 04, 1993	1.54	5	1.006	(B-3-18)7ccc-7			
MAY 20, 1993	.83	17	1.006	Altitude of MP 4,246.08			
JUL 28, 1993	.52	20	1.004	Height of MP 2.93			
SEP 28, 1993	.94	17	1.004	JUN 18, 1992	.67	—	—
(B-3-18)7ccc-3				OCT 06, 1992	1.37	16	1.006
Altitude of MP 4,245.24				FEB 04, 1993	2.12	6	1.008
Height of MP 1.93				APR 22, 1993	1.05	13	1.010
JUN 18, 1992	.17	—	—	MAY 20, 1993	.89	17	1.008
JUL 08, 1992	.30	22	1.000	JUL 28, 1993	.90	21	1.008
OCT 06, 1992	1.30	17	1.002	SEP 28, 1993	1.41	20	1.006
FEB 04, 1993	1.66	6	1.001	(B-3-18)7ccc-8			
APR 22, 1993	.61	14	1.008	Altitude of MP 4,244.21			
MAY 20, 1993	.51	16	1.004	Height of MP 0.99			
JUL 28, 1993	.50	17	1.004	JUN 18, 1992	4.41	—	—
SEP 28, 1993	1.05	17	1.004	OCT 06, 1992	6.17	—	—
(B-3-18)7ccc-4				FEB 04, 1993	5.74	0	1.010
Altitude of MP 4,244.30				APR 22, 1993	3.79	15	1.036
Height of MP 0.97				MAY 20, 1993	4.12	15	1.038
JUN 18, 1992	3.94	—	—	JUL 28, 1993	3.91	21	1.030
JUL 08, 1992	4.21	18	1.008	SEP 28, 1993	5.81	22	1.032
OCT 06, 1992	6.06	16	1.010	(B-3-18)7ccc-9			
FEB 04, 1993	5.58	4	1.008	Altitude of MP 4,245.10			
APR 22, 1993	3.52	14	1.010	Height of MP 2.16			
MAY 20, 1993	3.82	15	1.020	OCT 06, 1992	4.39	18.5	1.082
JUL 28, 1993	4.34	16.5	1.010	APR 22, 1993	2.59	14	1.088
SEP 28, 1993	5.34	17	1.008	MAY 20, 1993	3.16	16	1.086
(B-3-18)7ccc-5				JUL 28, 1993	3.46	21	1.082
Altitude of MP 4,244.46				SEP 28, 1993	4.18	20	1.082
Height of MP 1.14				(B-3-18)7ccc-10			
JUN 18, 1992	3.90	—	—	Altitude of MP 4,244.65			
JUL 08, 1992	4.17	18	1.020	Height of MP 0.95			
OCT 06, 1992	5.94	16	1.030	JUN 19, 1992	5.16	—	—
FEB 04, 1993	5.43	3	1.024	OCT 06, 1992	Dry	—	—
APR 22, 1993	3.52	14	1.020	APR 22, 1993	4.35	11	1.020
MAY 20, 1993	3.76	16	1.022	MAY 20, 1993	4.66	15	1.022
JUL 28, 1993	4.26	18	1.020	JUL 28, 1993	3.57	16	1.024
AUG 25, 1993	4.67	19	1.022	SEP 29, 1993	6.27	—	—
SEP 29, 1993	5.28	17.5	1.018	(B-3-18)7ccc-11			
(B-3-18)7ccc-6				Altitude of MP 4,245.26			
Altitude of MP 4,243.88				Height of MP 2.58			
Height of MP 0.74				OCT 06, 1992	-1.42	17	1.042
JUN 18, 1992	3.86	—	—	FEB 04, 1993	-.96	4	1.040
OCT 06, 1992	5.05	—	—				

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-3-18)7ccc-11—Continued				(B-3-18)10dcb-1			
APR 22, 1993	-1.21	14	1.054	Altitude of MP 4,245.93			
MAY 20, 1993	-1.36	18	1.052	Height of MP 1.05			
JUL 28, 1993	-1.59	20	1.040	JUN 08, 1993	1.16	17	1.170
SEP 28, 1993	-1.41	19.5	1.040	JUL 28, 1993	1.30	19.5	1.168
(B-3-18)7ccc-12				SEP 28, 1993	1.69	21.5	1.170
Altitude of MP 4,244.28				(B-3-18)16cba-1			
Height of MP 1.52				Altitude of MP 4,245.79			
JUN 18, 1992	3.22	—	—	Height of MP 1.31			
OCT 06, 1992	Dry	—	—	JUN 18, 1992	.70	—	—
FEB 04, 1993	3.37	—	—	JUL 08, 1992	.47	22	1.180
APR 22, 1993	2.66	15	1.066	OCT 06, 1992	1.69	21	1.172
MAY 20, 1993	-.45	16	1.068	MAR 08, 1993	.96	6	1.170
JUL 28, 1993	2.70	—	—	APR 22, 1993	.45	15	1.176
SEP 28, 1993	3.68	—	—	MAY 20, 1993	1.17	19	1.170
(B-3-18)7ccc-13				JUL 28, 1993	.93	26	1.168
Altitude of MP 4,243.15				SEP 28, 1993	1.60	22	1.170
Height of MP 0.33				(B-3-18)17acd-2			
JUN 18, 1992	3.24	—	—	Altitude of MP 4,245.68			
JUL 08, 1992	2.98	18	1.090	Height of MP 1.83			
OCT 06, 1992	3.92	19	1.084	JUN 18, 1992	1.11	—	—
FEB 04, 1993	3.62	4	1.082	JUL 08, 1992	1.07	21.5	1.182
APR 22, 1993	2.27	15	1.068	MAR 08, 1993	2.40	6	1.174
MAY 20, 1993	2.81	15	1.066	APR 22, 1993	1.48	16	1.170
JUL 28, 1993	2.77	21	1.068	MAY 20, 1993	2.15	18	1.168
SEP 28, 1993	3.59	19	1.080	JUL 28, 1993	1.53	25	1.166
(B-3-18)7ccc-14				SEP 28, 1993	1.93	21	1.162
Altitude of MP 4,244.39				(B-3-18)17acd-3			
Height of MP 1.60				Altitude⁶ of MP 4,246.8			
JUN 18, 1992	7.90	—	—	Height of MP 2.91			
JUL 08, 1992	7.58	—	—	JUN 18, 1992	3.01	—	—
OCT 06, 1992	7.08	18	1.040	JUL 08, 1992	2.84	20	1.172
FEB 04, 1993	6.29	4	1.036	OCT 06, 1992	1.99	20	1.160
APR 22, 1993	6.23	15	1.038	MAR 08, 1993	2.19	6	1.164
MAY 20, 1993	6.00	18	1.040	APR 22, 1993	3.07	16	1.162
JUL 28, 1993	7.14	21	1.038	MAY 20, 1993	3.14	18	1.162
SEP 28, 1993	8.46	19	1.040	JUL 28, 1993	6.58	21	1.162
(B-3-18)8dcd-1				SEP 28, 1993	2.54	22	1.160
Altitude of MP 4,244.45				(B-3-18)18abd-1			
Height of MP 1.37				Altitude of MP 4,245.23			
JUN 18, 1992	1.03	—	—	Height of MP 2.59			
OCT 06, 1993	2.09	21	1.178	JUN 18, 1992	2.84	—	—
APR 22, 1993	.48	15	1.174	JUL 08, 1992	2.79	21	1.172
MAY 20, 1993	.21	19	1.178	OCT 06, 1992	3.53	20	1.164
JUL 28, 1993	.72	26	1.172	MAR 08, 1993	2.87	7	1.166
SEP 28, 1993	1.68	24	1.170	APR 22, 1993	1.49	16	1.164
				MAY 20, 1993	1.36	17	1.166
				JUL 28, 1993	1.79	23	1.164
				SEP 28, 1993	2.53	21	1.164

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-3-18)18abd-2				(B-3-18)18bbb-2—Continued			
Altitude ⁶ of MP 4,245.9				OCT 06, 1992	2.79	20	1.156
Height of MP 3.22				MAR 08, 1993	3.87	8	1.158
JUN 18, 1992	3.17	—	—	APR 22, 1993	4.46	14	1.152
JUL 08, 1992	3.63	21	1.172	MAY 20, 1993	4.22	16	1.160
OCT 06, 1992	2.67	20	1.162	JUL 28, 1993	3.29	23	1.156
MAR 08, 1993	4.71	8	1.160	SEP 28, 1993	2.96	20	1.156
APR 22, 1993	3.70	17	1.160	(B-3-18)20acd-1			
MAY 20, 1993	3.12	18	1.164	Altitude of MP 4,247.14			
JUL 28, 1993	2.03	22	1.162	Height of MP 1.77			
SEP 28, 1993	1.96	20	1.162	JUL 09, 1992	.66	24	1.186
(B-3-18)18bba-1				MAY 20, 1993	1.96	18	1.164
Altitude of MP 4,244.59				JUN 08, 1993	—	17	1.162
Height of MP 2.50				JUL 28, 1993	2.11	26	1.148
JUN 18, 1992	2.07	—	—	SEP 28, 1993	3.42	23	1.160
JUL 08, 1992	2.02	21	1.160	(B-3-18)29acd-1			
OCT 06, 1992	2.77	20	1.158	Altitude of MP 4,249.09			
MAR 08, 1993	1.35	6	1.126	Height of MP 1.36			
APR 22, 1993	.53	15	1.038	JUL 09, 1992	1.74	24	1.070
MAY 20, 1993	1.26	17	1.088	MAY 20, 1993	2.60	18	1.170
JUL 28, 1993	1.61	24	1.134	JUL 28, 1993	2.29	25	1.168
SEP 28, 1993	2.55	22	1.138	SEP 28, 1993	2.82	23	1.070
(B-3-18)18bba-2				(B-3-18)32ccc-1			
Altitude ⁶ of MP 4,244.9				Altitude ¹ of MP 4,251.0			
Height of MP 2.82				Height of MP 1.03			
JUN 18, 1992	2.86	—	—	JUL 09, 1992	6.09	26	—
JUL 08, 1992	2.54	21.5	1.150	OCT 06, 1992	Dry	—	—
OCT 06, 1992	1.92	20.5	1.146	APR 22, 1993	5.15	9.5	1.064
MAR 08, 1993	4.16	7	1.144	MAY 20, 1993	5.41	18	1.060
APR 22, 1993	3.24	15	1.140	JUL 28, 1993	4.82	18	1.050
MAY 20, 1993	3.02	16	1.146	AUG 25, 1993	5.63	20	1.048
JUL 28, 1993	2.29	26	1.144	SEP 28, 1993	6.05	19	1.044
SEP 28, 1993	2.11	20	1.140	(B-3-18)32dab-1			
(B-3-18)18bbb-1				Altitude of MP 4,252.75			
Altitude of MP 4,244.48				Height of MP 2.91			
Height of MP 1.97				JUL 09, 1992	3.83	22	1.032
JUN 18, 1992	3.06	—	—	MAY 20, 1993	5.94	18	1.038
JUL 08, 1992	3.05	21	1.174	JUL 28, 1993	5.75	21	1.030
OCT 06, 1992	3.22	20	1.182	SEP 28, 1993	5.87	24	1.032
MAR 08, 1993	2.61	7	1.102	(B-3-19)1abb-1			
APR 22, 1993	2.50	15	1.052	Altitude of MP 4,254.77			
MAY 20, 1993	2.69	16	1.132	Height of MP 0.44			
JUL 28, 1993	2.70	25	1.160	JUN 19, 1992	8.00	—	—
SEP 28, 1993	2.96	21	1.160	JUL 09, 1992	9.32	16	1.000
(B-3-18)18bbb-2				OCT 06, 1992	13.26	—	—
Altitude of MP 4,243.73				MAR 08, 1993	7.05	8	1.000
Height of MP 1.23				APR 22, 1993	7.75	12	1.000
JUN 18, 1992	3.52	—	—	MAY 20, 1993	6.16	19	1.000
JUL 08, 1992	3.27	21	1.164				

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-3-19)1abb-1—Continued				⁴(B-4-17)32dcc-1			
JUL 28, 1993	8.79	14.5	1.000	Altitude of MP 4,251.15			
SEP 28, 1993	11.84	15	1.000	Height of MP 0.55			
(B-3-19)24cba-1				JUN 08, 1993	5.03	16	1.074
Altitude of MP 4,250.14				JUL 28, 1993	4.94	24	1.072
Height of MP 2.53				SEP 28, 1993	Dry	—	—
OCT 07, 1992	2.46	18	1.068	(B-4-18)1cbc-1			
APR 22, 1993	1.25	15	1.066	Altitude of MP 4,243.20			
MAY 20, 1993	1.80	18	1.066	Height of MP 1.39			
JUL 28, 1993	1.38	24	1.064	OCT 06, 1992	1.36	22	1.168
SEP 28, 1993	2.04	23	1.062	APR 21, 1993	.09	16	1.162
(B-3-19)26baa-1				MAY 19, 1993	.18	22	1.166
Altitude of MP 4,249.36				New Height of MP 0.05			
Height of MP 0.89				JUL 29, 1993	.56	26	1.168
JUL 09, 1992	1.47	20	1.040	AUG 24, 1993	.70	27	1.190
OCT 07, 1992	Dry			SEP 29, 1993	.94	20	1.184
APR 22, 1993	3.09	11	1.038	(B-4-18)2dbd-1			
JUN 09, 1993	.41	15.5	1.041	Altitude of MP 4,243.69			
JUL 28, 1993	1.76	27	1.044	Height of MP 1.05			
AUG 25, 1993	3.29	22	1.034	OCT 06, 1992	.99	21	1.170
SEP 28, 1993	3.90	20	1.044	APR 21, 1993	-.81	18	1.168
(B-4-17)4bbb-1				MAY 19, 1993	.29	22	1.170
Altitude of MP 4,246.51				JUL 29, 1993	.53	26	1.164
Height of MP 1.39				SEP 29, 1993	.94	21	1.166
JUN 08, 1993	2.31	15	1.110	(B-4-18)3dbd-1			
JUL 29, 1993	2.38	19	1.130	Altitude of MP 4,242.48			
AUG 24, 1993	2.23	22	1.130	Height of MP 0.88			
SEP 29, 1993	2.95	21	1.128	JUN 19, 1992	.29	—	—
(B-4-17)6bbb-1				JUL 08, 1992	.33	27	1.200
Altitude of MP 4,244.10				OCT 06, 1992	.60	21	1.200
Height of MP 0.70				APR 21, 1993	-.01	19	1.198
APR 21, 1993	.35	14	1.122	MAY 19, 1993	.01	20	1.198
MAY 19, 1993	.32	19	1.128	JUL 29, 1993	.29	25	1.192
JUL 29, 1993	.45	21	1.138	SEP 29, 1993	.62	20	1.198
AUG 24, 1993	.43	24	1.146	(B-4-18)4dbd-1			
SEP 29, 1993	1.34	21	1.146	Altitude of MP 4,242.39			
(B-4-17)31ccc-1				Height of MP 1.00			
Altitude of MP 4,247.64				JUN 19, 1992	.25	—	—
Height of MP 0.50				OCT 06, 1992	.78	22	1.200
JUN 08, 1993	2.22	—	—	APR 21, 1993	.06	17	1.198
JUL 28, 1993	1.62	19	1.100	MAY 19, 1993	-.07	20	1.196
AUG 25, 1993	1.41	—	—	JUL 29, 1993	.25	24	1.194
SEP 28, 1993	2.00	21	1.104	SEP 29, 1993	.24	19	1.196
				(B-4-18)4ddb-1			
				Altitude of MP 4,242.21			
				Height of MP 0.98			
				JUN 19, 1992	.31	—	—
				JUL 08, 1992	.42	20	1.202

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-4-18)4ddb-1—Continued				(B-4-18)5ddb-1—Continued			
OCT 06, 1992	0.87	21	1.200	OCT 06, 1992	1.00	21	1.190
APR 21, 1993	.02	17	1.198	APR 21, 1993	-.08	15	1.200
MAY 19, 1993	-.01	20	1.200	MAY 19, 1993	-.01	21	1.198
JUL 29, 1993	.22	24	1.200	JUL 29, 1993	.18	23	1.194
SEP 29, 1993	.21	17.5	1.194	SEP 29, 1993	.31	16	1.196
(B-4-18)5adb-1				(B-4-18)5ddb-2			
Altitude of MP 4,242.75				Altitude of MP 4,241.84			
Height of MP 1.58				Height of MP 0.90			
JUN 19, 1992	.13	—	—	JUN 19, 1992	.30	—	—
JUL 08, 1992	.17	26	1.196	JUL 08, 1992	.01	24	1.202
APR 21, 1993	-.10	19	1.184	OCT 06, 1992	-.16	20	1.194
MAY 19, 1993	-.03	21	1.184	APR 21, 1993	.90	14	1.190
JUL 29, 1993	.17	23	1.186	MAY 19, 1993	.83	17	1.198
SEP 29, 1993	.20	16.5	1.184	JUL 29, 1993	.32	21	1.192
(B-4-18)5ccb-1				SEP 29, 1993	-.03	15.5	1.192
Altitude of MP 4,242.43				(B-4-18)6cca-1			
Height of MP 1.45				Altitude of MP 4,243.13			
JUN 19, 1992	.00	—	—	Height of MP 1.65			
JUL 08, 1992	.12	27	—	JUN 19, 1992	.16	—	—
OCT 06, 1992	.94	20	1.182	JUL 08, 1992	.18	20.5	1.100
APR 21, 1993	-.44	14	1.186	OCT 06, 1992	1.35	20	1.090
MAY 19, 1993	-.07	—	—	MAR 24, 1993	.01	12	1.094
JUL 29, 1993	-.18	24	1.180	APR 21, 1993	.00	13	1.098
SEP 29, 1993	.19	15	1.178	MAY 19, 1993	.30	19	1.096
(B-4-18)5dcb-1				JUL 29, 1993	.08	20.5	1.094
Altitude of MP 4,241.94				SEP 29, 1993	.72	16	1.094
Height of MP 0.92				(B-4-18)6cca-2			
JUN 19, 1992	.14	—	—	Altitude of MP 4,243.17			
OCT 06, 1992	1.06	19	1.196	Height of MP 1.56			
APR 21, 1993	-.10	13	1.200	JUN 19, 1992	1.17	—	—
MAY 19, 1993	.02	20	1.196	JUL 08, 1993	1.98	21	1.124
JUL 29, 1993	.11	23	1.194	OCT 06, 1992	2.62	19	1.122
(B-4-18)5dda-1				MAR 24, 1993	.54	11	1.120
Altitude of MP 4,242.09				APR 21, 1993	.75	12	1.120
Height of MP 1.08				MAY 19, 1993	1.01	18	1.121
JUN 19, 1992	.19	—	—	JUL 29, 1993	1.38	18	1.120
JUL 08, 1992	.32	29	—	SEP 29, 1993	2.21	16	1.124
OCT 06, 1992	.97	21	1.198	(B-4-18)6cca-3			
APR 21, 1993	-.03	18	1.196	Altitude of MP 4,243.01			
MAY 19, 1993	-.02	21	1.194	Height of MP 1.47			
JUL 29, 1993	.09	24	1.192	JUN 19, 1992	1.48	—	—
SEP 29, 1993	.20	17.5	1.196	JUL 08, 1992	1.32	19	1.088
(B-4-18)5ddb-1				OCT 06, 1992	3.40	19	1.072
Altitude of MP 4,242.77				MAR 24, 1993	.54	10	1.090
Height of MP 1.80				APR 21, 1993	.71	13	1.098
JUN 19, 1992	.19	—	—	MAY 19, 1993	.98	19	1.090
JUL 08, 1992	.23	27	—	JUL 29, 1993	1.42	17	1.086
				AUG 24, 1993	2.13	20	1.078
				SEP 29, 1993	2.56	15	1.060

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity	Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-4-18)6cca-4				(B-4-18)32caa-2			
Altitude ⁶ of MP 4,242.7				Altitude of MP 4,245.46			
Height of MP 1.20				Height of MP 2.88			
JUN 19, 1992	0.45	—	—	JUL 08, 1992	1.77	21	1.182
OCT 06, 1992	-.18	26	1.170	MAY 20, 1993	1.70	18	1.176
APR 21, 1993	1.30	22	1.162	JUL 28, 1993	1.69	24	1.174
MAY 19, 1993	2.20	20	1.146	SEP 28, 1993	1.14	22	1.172
JUL 29, 1993	1.77	21	1.146	(B-4-18)33ccc-1			
SEP 29, 1993	1.88	17	1.144	Altitude ¹ of MP 4,244.0			
(B-4-18)8aad-1				Height of MP 0.98			
Altitude of MP 4,242.20				JUN 18, 1992	1.17	—	—
Height of MP 1.11				JUL 08, 1992	1.10	24	1.168
JUL 08, 1992	.08	26	1.202	OCT 06, 1992	2.16	21	1.166
MAY 19, 1993	.06	21	1.200	APR 22, 1993	.04	14	1.152
JUL 29, 1993	.08	24	1.198	MAY 20, 1993	-.07	18	1.148
SEP 29, 1993	.18	16	1.200	JUL 28, 1993	.67	22	1.138
(B-4-18)17aaa-1				AUG 25, 1993	.72	20	1.142
Altitude of MP 4,242.26				SEP 28, 1993	1.61	20	1.134
Height of MP 1.47				(B-4-18)34ddd-2			
JUL 08, 1992	.08	26	1.200	Altitude of MP 4,245.57			
MAY 19, 1993	-.02	21	1.198	Height of MP 0.80			
JUL 29, 1993	-.05	25	1.198	JUN 19, 1992	6.02	—	—
AUG 24, 1993	.06	23	1.198	JUL 08, 1992	6.44	17	1.000
SEP 29, 1993	.15	17	1.196	OCT 06, 1992	8.48	14	1.002
(B-4-18)17ddd-1				FEB 04, 1993	8.46	3.5	1.000
Altitude of MP 4,242.87				APR 22, 1993	5.59	10	1.002
Height of MP 1.75				MAY 20, 1993	5.77	17	1.000
JUL 08, 1992	.23	25	1.186	JUL 28, 1993	6.66	15	1.001
MAY 19, 1993	-.05	19	1.182	SEP 28, 1993	7.56	13	1.004
JUN 09, 1993	.22	17.5	1.184	(B-4-18)34ddd-3			
JUL 29, 1993	.16	23	1.176	Altitude of MP 4,246.50			
AUG 24, 1993	.29	26	1.178	Height of MP 1.76			
SEP 28, 1993	.06	22	1.176	JUN 19, 1992	3.37	—	—
(B-4-18)20ddd-1				JUL 08, 1992	3.57	15	1.000
Altitude of MP 4,242.81				OCT 06, 1992	5.32	14	1.000
Height of MP 1.31				FEB 04, 1993	5.41	3	1.000
JUL 08, 1992	.48	26	1.180	APR 22, 1993	3.82	11	1.002
MAY 19, 1993	-.16	21	1.172	MAY 20, 1993	3.70	15	1.000
JUL 29, 1993	.33	26	1.172	JUL 28, 1993	3.87	15	1.000
SEP 28, 1993	.54	22.5	1.172	SEP 29, 1993	4.78	13.5	1.000
(B-4-18)32caa-1				(B-4-19)36dcd-1			
Altitude of MP 4,244.04				Altitude of MP 4,255.24			
Height of MP 1.39				Height of MP 0.71			
JUL 08, 1992	1.29	22	1.186	JUN 19, 1992	6.55	—	—
MAY 20, 1993	.30	19	1.174	JUL 09, 1992	6.77	17	.98
JUL 28, 1993	1.06	23	1.174	OCT 06, 1992	8.73	16	1.000
SEP 28, 1993	2.01	22	1.172	FEB 04, 1993	8.60	5	1.000
				APR 22, 1993	6.56	13	1.000

Table 3. Water level, temperature, and specific gravity of water in selected wells, Bonneville Salt Flats and Pilot Valley, Utah—Continued

Date	Water level (feet)	Temperature (°C)	Specific gravity
(B-4-19)36dcd-1—Continued			
MAY 20, 1993	6.39	18	1.000
JUL 28, 1993	7.38	15	1.000
SEP 28, 1993	9.33	15	1.000
(B-5-18)32ddc-1			
Altitude of MP 4,242.08			
Height of MP 1.08			
JUL 08, 1992	.35	26	1.184
MAY 19, 1993	.02	21	1.182
JUL 29, 1993	.24	24	1.180
AUG 24, 1993	.23	25	1.180
SEP 29, 1993	.27	17	1.180

¹Altitude of MP estimated to nearest half foot by adding 1990-93 measured height of MP to altitude of land surface reported by Lines (1978, 1979).

²Recorder installed on this well. See figure 6 for hydrograph showing fluctuations in recorded water levels. Water levels reported in this table are hand-measured values. Unable to collect water most of the time; therefore, temperature and specific-gravity data are scarce.

³Altitude of MP determined by U.S. Geological Survey by differential leveling from known altitudes reported by Bureau of Land Management.

⁴Unable to collect water most of the time; therefore, temperature and specific-gravity data are scarce.

⁵Altitude of MP calculated from surveyed altitude of another MP in the same borehole.

⁶Altitude of MP calculated to nearest tenth of a foot from surveyed altitude of another MP in same nest of wells.

Table 4. Physical properties and results of chemical analyses of water from selected wells and surface-water sites,

[°C, degrees Celsius; mg/L, milligrams per liter; —, no data]

Location: See table 1 for cross reference of identification numbers used and figure 2 for explanation of numbering system used for
 $\delta^2\text{H}$: The relative difference in permil (parts per thousand) between the isotope ratio of ^2H to ^1H in a sample and the ratio in a standard
 $\delta^{18}\text{O}$: The relative difference in permil (parts per thousand) between the isotope ratio of ^{18}O to ^{16}O in a sample and the ratio in a standard
Tritium, total: pCi/L, picocuries per liter.

Location	Date	Water temperature (°C)	Specific gravity, field	Solids, residue at 180°C, dis-solved (mg/L)	pH, field (standard units)	Alkalinity, lab (mg/L as CaCO_3)	Calcium, dis-solved (mg/L as Ca)	Magnesium, dis-solved (mg/L as Mg)	Sodium, dis-solved (mg/L as Na)
Bonneville Salt Flats									
(B-1-16)19bad-1	10-02-92	23.0	1.179	321,000	7.3	46	1,300	3,000	110,000
(B-1-17)11aac-1	08-12-92	17.0	1.192	301,000	6.5	131	1,200	5,000	100,000
	07-13-93	14.5	1.184	300,000	6.4	488	970	3,800	99,000
	09-01-93	17.0	1.186	—	—	—	—	—	—
(B-1-17)11aac-2	08-13-93	14.0	1.106	164,000	6.9	97	1,600	2,500	50,000
(B-1-17)12dcc-1	08-12-92	18.0	1.194	307,000	6.4	102	1,200	4,700	100,000
	07-01-93	17.0	1.188	283,000	6.4	434	2,100	2,200	98,000
(B-1-17)19dac-1	08-12-92	18.0	1.200	318,000	6.5	82	1,100	3,700	110,000
(B-1-17)21add-3	08-11-92	17.0	1.202	336,000	6.5	129	1,200	3,000	110,000
	06-23-93	15.0	1.200	288,000	6.7	52	1,100	2,500	110,000
(B-1-17)21add-4	09-01-93	15.5	1.198	—	—	—	—	—	—
	08-13-93	14.0	1.108	170,000	6.7	111	1,600	2,900	55,000
	08-11-92	21.0	1.198	313,000	6.4	107	1,100	4,100	110,000
(B-1-17)22aad-1	09-01-93	17.0	1.190	—	—	—	—	—	—
	09-01-93	17.0	1.188	—	—	—	—	—	—
(B-1-17)22abd-1	08-11-92	23.0	1.200	327,000	6.3	159	1,000	5,400	99,000
	06-23-93	15.0	1.192	319,000	6.6	108	970	4,300	100,000
(B-1-17)22bca-1	08-11-92	19.0	1.200	329,000	6.4	113	920	4,500	100,000
(B-1-17)23abd-1	08-11-92	19.0	1.198	309,000	6.5	80	1,300	3,800	110,000
	06-23-93	16.0	1.174	294,000	6.8	59	1,300	3,200	97,000
(B-1-17)23abd-2	09-01-93	17.0	1.182	—	—	—	—	—	—
	08-13-93	13.0	1.100	153,000	6.9	78	1,700	1,900	58,000
	09-01-93	21.0	1.186	—	—	—	—	—	—
(B-1-17)23bac-2	08-11-92	22.0	1.194	309,000	6.4	97	1,200	4,300	100,000
	09-01-93	18.0	1.186	—	—	—	—	—	—
(B-1-17)23bac-3	09-01-93	19.0	1.192	—	—	—	—	—	—
(B-1-17)24bbd-1	08-12-92	20.0	1.190	303,000	6.4	92	1,200	3,200	100,000
	06-23-93	15.0	1.186	298,000	6.7	86	1,200	3,200	100,000
(B-1-17)26cad-1	10-02-92	—	1.182	305,000	7.1	99	1,100	4,700	95,000
	06-23-93	19.0	1.180	298,000	6.9	86	1,200	3,200	100,000
(B-1-17)29dac-1	08-25-92	21.0	1.198	329,000	6.6	131	940	5,400	98,000
	07-13-93	15.0	1.192	318,000	6.2	736	830	4,800	103,000
(B-1-17)31acc-1	05-13-93	11.5	1.184	282,000	6.6	200	910	5,100	96,000
	07-19-93	14.5	1.179	292,000	6.2	160	1,100	5,700	100,000
	09-01-93	15.0	1.182	292,000	6.1	201	1,100	5,800	100,000

Bonneville Salt Flats and Pilot Valley, Utah

hydrologic-data sites in Utah.

referenced to Standard Mean Ocean Water (SMOW), calculated as: $[(^2\text{H}/^1\text{H})_{\text{sample}} - (^2\text{H}/^1\text{H})_{\text{standard}}] / (^2\text{H}/^1\text{H})_{\text{standard}} \times 1,000$.

referenced to Standard Mean Ocean Water (SMOW), calculated as: $[(^{18}\text{O}/^{16}\text{O})_{\text{sample}} - (^{18}\text{O}/^{16}\text{O})_{\text{standard}}] / (^{18}\text{O}/^{16}\text{O})_{\text{standard}} \times 1,000$.

Potas- sium, dis- solved (mg/L as K)	Sulfate, dis- solved (mg/L as SO ₄)	Chlo- ride, dis- solved (mg/L as Cl)	Bromide, dis- solved (mg/L as Br)	Boron, dis- solved (mg/L as B)	Stron- tium, dis- solved (mg/L as Sr)	δ ² H (permil)	δ ¹⁸ O (permil)	Tritium, total (pCi/L)
Bonneville Salt Flats								
4,700	6,200	180,000	45	3.3	29	—	—	—
7,300	6,400	160,000	37	12	22	—	—	—
6,200	6,000	172,000	38	7.6	29	—	-4.54	—
—	—	—	—	—	—	—	—	7
2,900	6,800	88,000	45	7.2	33	-65.5	-5.06	—
7,100	6,200	160,000	36	8.6	22	—	—	—
5,700	5,900	170,000	25	4.6	36	—	—	—
7,100	5,400	160,000	36	15	22	—	—	—
4,700	8,000	160,000	12	5.1	24	—	—	21
4,200	4,200	160,000	14	3.4	30	-81.4	-9.10	—
—	—	—	—	—	—	—	—	21
2,600	7,400	92,000	47	8.7	36	-64.8	-5.08	—
7,100	6,200	180,000	30	47	20	—	—	37
—	—	—	—	—	—	—	—	33
—	—	—	—	—	—	—	—	37
8,200	9,500	160,000	50	7.1	22	—	—	21
6,700	6,300	160,000	34	5.8	28	-66.7	-6.27	—
7,100	9,400	160,000	34	7.5	22	—	—	14
4,700	5,700	170,000	19	3.9	24	—	—	61
5,000	4,700	150,000	45	3.4	23	-68.7	-5.94	—
—	—	—	—	—	—	—	—	54
2,200	6,200	80,000	32	6.5	35	-67.8	-5.37	—
—	—	—	—	—	—	—	—	53
6,800	5,900	170,000	17	—	21	—	—	46
—	—	—	—	—	—	—	—	37
—	—	—	—	—	—	—	—	45
6,800	5,600	160,000	25	4.2	24	—	—	—
4,300	4,800	160,000	51	3.3	30	—	—	—
5,800	6,500	160,000	66	4.5	24	—	—	—
4,300	4,800	160,000	51	3.3	30	—	—	—
10,000	9,300	170,000	27	10	19	—	—	—
8,300	6,900	186,000	30	20	27	—	—	—
7,800	7,700	160,000	46	8.5	20	-53.5	-3.97	—
9,500	7,700	169,000	93	8.2	29	-55.9	-3.95	—
8,100	7,500	170,000	22	9.4	36	-54.6	-3.93	<5.7

Table 4. Physical properties and results of chemical analyses of water from selected wells and surface-water sites

Location	Date	Water temperature (°C)	Specific gravity, field	Solids, residue at 180°C, dissolved (mg/L)	pH, field (standard units)	Alkalinity, lab (mg/L as CaCO ₃)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)
Bonneville Salt Flats—Continued									
(B-1-17)31acc-2	08-25-92	21.0	1.176	274,000	6.6	157	1,000	4,600	94,000
	05-13-93	14.0	1.176	265,000	6.6	213	950	4,400	88,000
	09-01-93	14.0	1.174	261,000	6.4	196	1,000	4,500	81,000
(B-1-17)31acc-3	05-13-93	19.0	1.198	322,000	7.0	76	1,000	3,300	110,000
	09-01-93	20.0	1.198	320,000	6.4	78	1,100	3,900	110,000
(B-1-17)31acc-4	08-24-92	17.0	1.088	129,000	9.3	77	2,700	630	42,000
(B-1-17)31acc-5	08-19-92	16.0	1.102	156,000	8.5	22	2,400	740	71,000
(B-1-17)31acc-6	08-24-92	15.0	1.110	156,000	7.7	366	1,600	1,700	56,000
(B-1-17)31acc-7	08-13-93	12.0	1.114	173,000	7.3	157	1,400	2,400	60,000
(B-1-17)34ddc-1	09-01-93	16.5	1.184	—	—	—	—	—	—
(B-1-17)34ddd-1	08-25-92	21.0	1.186	292,000	6.7	121	1,100	4,400	100,000
	06-24-93	16.0	1.178	297,000	6.5	96	1,000	4,200	98,000
(B-1-17)35dcc-1	10-02-92	26.0	1.180	302,000	6.9	112	1,100	4,800	92,000
	06-23-93	19.5	1.174	284,000	6.7	132	1,100	3,000	100,000
(B-1-18)12bab-2	08-25-92	18.0	1.046	68,200	7.9	211	300	300	25,000
	06-03-93	11.0	1.046	64,000	7.9	196	310	300	25,000
(B-1-18)23aaa-1	08-25-92	21.0	1.160	262,000	6.8	58	1,200	1,900	89,000
	06-03-93	16.0	1.160	244,000	7.6	46	1,100	1,800	81,000
(B-1-18)31acd-1	08-18-92	16.0	1.001	6,330	8.0	192	43	42	2,100
(B-1-18)31bda-1	08-17-92	26.0	1.002	6,490	8.2	180	88	75	2,000
	09-07-93	20.0	1.002	—	7.6	—	—	—	—
(B-1-18)31bda-2	08-17-92	21.0	1.000	6,360	8.2	172	71	69	2,000
	09-07-93	20.5	1.002	—	7.8	—	—	—	—
(B-1-18)31bda-3	08-17-92	—	1.001	6,230	8.1	174	75	72	2,000
	09-07-93	23.5	1.002	—	7.7	—	—	—	—
(B-1-18)31dac-1	08-18-92	18.0	1.004	11,600	8.1	317	91	94	3,700
(B-1-18)31dac-2	08-18-92	19.0	1.004	37,000	8.1	262	310	410	12,000
	09-07-93	19.5	1.029	—	7.4	—	—	—	—
(B-1-18)31dac-3	08-18-92	18.0	1.002	7,060	8.0	243	48	42	2,500
	09-07-93	15.0	1.002	—	7.8	—	—	—	—
(B-1-18)32ccc-2	08-18-92	20.0	1.062	97,200	7.3	292	920	1,300	31,000
	06-16-93	15.5	1.070	89,600	7.6	260	920	1,200	32,000
(B-1-18)34bbb-1	06-03-93	16.0	1.152	249,000	7.3	34	1,100	1,400	91,000
	09-02-93	16.0	1.158	—	—	—	—	—	—
(B-2-17)22ddd-1	06-03-93	13.5	1.106	162,000	8.0	45	1,200	1,100	45,000
(B-2-17)33dcc-1	06-03-93	16.0	1.148	234,000	6.5	57	1,200	1,500	80,000
(B-2-17)36ddd-1	08-12-92	17.0	1.192	306,000	6.5	123	1,200	4,600	98,000
	07-01-93	16.0	1.190	286,000	6.3	185	1,200	3,400	98,000
(C-1-17)4bba-1	08-25-92	18.5	1.192	323,000	6.6	94	940	4,300	100,000
	06-24-93	16.0	1.188	309,000	6.4	111	1,000	4,700	98,000
	09-01-93	16.0	1.190	—	—	—	—	—	—

Bonneville Salt Flats and Pilot Valley, Utah—Continued

Potas- sium, dis- solved (mg/L as K)	Sulfate, dis- solved (mg/L as SO ₄)	Chlo- ride, dis- solved (mg/L as Cl)	Bromide, dis- solved (mg/L as Br)	Boron, dis- solved (mg/L as B)	Stron- tium, dis- solved (mg/L as Sr)	$\delta^2\text{H}$ (permil)	$\delta^{18}\text{O}$ (permil)	Tritium, total (pCi/L)
Bonneville Salt Flats—Continued								
8,100	8,000	150,000	28	9.1	29	-56.5	-4.15	—
6,900	8,000	140,000	57	7.8	25	—	—	—
4,100	7,800	140,000	16	9.3	33	-56.2	-4.17	—
6,600	4,800	180,000	43	5.8	28	-65.5	-6.44	—
3,800	5,100	180,000	49	6.7	49	-60.8	-4.91	—
2,200	5,000	63,000	34	1.4	34	-70.5	-6.05	—
2,200	4,600	88,000	—	3.4	43	-64.0	-4.45	—
2,700	6,800	80,000	37	19	32	-63.5	-4.60	—
2,100	6,400	84,000	44	7.3	39	-60.0	-4.61	<2.5
—	—	—	—	—	—	—	—	37
7,600	6,700	160,000	31	5.6	24	—	—	—
6,100	6,300	150,000	53	4.7	28	—	—	—
3,500	6,100	150,000	94	5.1	26	—	—	—
4,300	6,800	150,000	18	5.2	26	-66.3	-4.83	—
1,700	1,600	37,000	10	5.0	16	—	—	—
1,700	990	35,000	11	3.8	19	—	—	—
3,500	7,500	140,000	26	3.2	25	—	—	—
3,900	3,300	120,000	50	2.1	25	—	—	—
130	280	3,300	1.9	1.5	1.2	-127.0	-16.35	—
120	260	3,200	2.5	1.3	2.1	-127.0	-16.35	—
—	—	—	—	—	—	—	—	<5.7
120	250	3,200	2.4	1.6	1.5	-127.0	-16.40	—
—	—	—	—	—	—	—	—	<5.7
120	260	3,200	1.8	1.3	1.9	-128.0	-16.40	—
—	—	—	—	—	—	—	—	<5.7
200	960	5,600	3.2	1.2	5.6	-123.0	-15.70	—
520	3,300	17,000	5.1	4.4	18	-125.0	-16.10	—
—	—	—	—	—	—	-105.0	-12.67	<5.7
170	370	3,700	2.0	2.1	2.6	-125.0	-16.10	—
—	—	—	—	—	—	-125.0	-16.14	<5.7
1,700	5,600	46,000	24	5.8	19	-89.5	-9.10	—
1,600	5,100	54,000	34	4.7	22	—	—	—
3,500	3,800	130,000	46	1.9	26	-64.1	-3.64	—
—	—	—	—	—	—	—	—	52
3,300	2,000	87,000	25	2.8	46	—	—	—
3,000	2,700	130,000	5.7	2.0	35	-66.1	-4.07	—
6,200	6,100	150,000	45	8.7	23	—	—	—
1,600	6,100	170,000	23	1.8	30	—	—	—
7,300	6,400	170,000	35	7.2	20	—	—	—
7,200	6,400	140,000	32	6.0	29	-62.2	-5.00	—
—	—	—	—	—	—	—	—	31

Table 4. Physical properties and results of chemical analyses of water from selected wells and surface-water sites

Location	Date	Water temperature (°C)	Specific gravity, field	Solids, residue at 180°C, dissolved (mg/L)	pH, field (standard units)	Alkalinity, lab (mg/L as CaCO ₃)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)
Bonneville Salt Flats—Continued									
(C-1-17)10aac-1	06-23-93	19.0	1.174	278,000	6.5	56	1,200	3,500	100,000
(C-1-17)15dbd-1	08-26-92	22.0	1.172	285,000	6.8	50	1,100	1,800	100,000
	06-08-93	21.0	1.172	278,000	6.5	51	1,400	2,200	100,000
(C-1-17)15dcc-1	10-02-92	23.0	1.148	236,000	7.1	41	1,600	1,400	79,000
(C-1-17)17bba-1	08-25-92	20.5	1.192	312,000	6.5	120	1,000	5,200	100,000
	07-07-93	21.0	1.184	306,000	6.2	58	970	5,000	92,000
(C-1-17)18cab-1	08-26-92	15.0	1.196	315,000	6.5	108	1,000	5,600	100,000
	07-13-93	14.5	1.192	313,000	6.2	308	960	5,100	102,000
(C-1-18)3dcd-2	08-26-92	19.0	1.194	329,000	6.4	128	1,000	4,800	100,000
(C-1-18)6abb-1	08-19-92	17.0	1.068	100,000	7.2	297	990	1,700	31,000
(C-1-18)6abb-2	08-19-92	20.0	1.066	101,000	7.5	224	1,100	1,500	30,000
(C-1-18)6abb-3	08-18-92	17.0	1.060	87,800	7.5	152	1,200	1,200	27,000
(C-1-18)6adc-1	08-19-92	22.0	1.062	97,600	7.5	249	1,100	1,600	31,000
(C-1-18)6adc-2	08-19-92	16.0	1.083	98,300	7.4	316	1,200	1,400	39,000
(C-1-18)9adc-2	08-13-93	14.0	1.104	164,000	7.0	128	1,800	1,700	54,000
(C-1-18)11ccd-1	08-26-92	25.0	1.198	340,000	6.8	49	1,200	1,800	120,000
(C-1-18)11ccd-2	08-26-92	23.0	1.200	325,000	6.6	64	1,200	3,400	120,000
	07-14-93	15.0	1.196	323,000	6.4	337	1,100	4,300	104,000
(C-1-18)13cdb-1	10-02-92	18.0	1.120	310,000	7.0	53	1,100	4,600	110,000
(C-1-18)17acb-1	08-26-92	16.5	1.200	336,000	6.6	78	1,100	3,100	110,000
	07-14-93	13.0	1.196	322,000	6.6	72	1,100	3,300	110,000
	09-01-93	14.5	1.196	—	—	—	—	—	—
(C-1-18)17acb-2	07-14-93	17.0	1.198	328,000	6.6	53	1,200	3,000	110,000
¹ (C-1-19)10aba-1	02-05-93	30.0	—	8,310	7.8	154	130	95	2,600
(C-1-19)11ccc-1	09-28-92	27.0	1.050	106,000	7.4	168	920	980	33,000
	06-16-93	13.5	1.060	75,200	7.5	143	550	550	28,000
Surface pond (near access road)	01-21-93	—	1.180	272,000	—	19	1,100	130	100,000
Surface pond (near (B-1-17)31acc)	05-13-93	17.0	1.190	301,000	7.4	36	1,500	570	110,000
	06-15-93	25.0	1.200	330,000	7.8	50	1,700	1,300	120,000
	07-07-93	24.0	1.200	326,000	—	102	1,400	3,200	112,000
Supply ditch north of I-80	09-02-93	—	—	6,440	—	158	100	79	2,200
Pilot Valley									
(B-3-18)7ccc-5	06-08-93	17.5	1.020	31,400	7.8	434	130	240	11,000
	08-25-93	16.0	1.022	32,000	7.5	456	140	260	11,000
(B-3-18)32ccc-1	06-17-93	18.0	1.060	70,600	7.6	286	350	560	24,000
	08-25-93	19.0	1.046	68,900	7.4	268	400	550	24,000
(B-3-19)26baa-1	06-09-93	15.5	1.041	62,300	7.6	258	720	420	12,000
	08-25-93	21.0	1.038	51,100	7.5	335	1,200	340	17,000

Bonneville Salt Flats and Pilot Valley, Utah—Continued

Potas- sium, dis- solved (mg/L as K)	Sulfate, dis- solved (mg/L as SO ₄)	Chlo- ride, dis- solved (mg/L as Cl)	Bromide, dis- solved (mg/L as Br)	Boron, dis- solved (mg/L as B)	Stron- tium, dis- solved (mg/L as Sr)	δ ² H (permil)	δ ¹⁸ O (permil)	Tritium, total (pCi/L)
Bonneville Salt Flats—Continued								
5,200	5,200	150,000	52	0.25	28	—	—	—
4,300	5,500	150,000	32	2.5	23	—	—	—
4,400	4,800	150,000	48	1.2	30	—	—	—
2,300	5,600	120,000	54	1.8	26	—	—	—
9,600	6,200	160,000	59	7.9	31	—	—	—
27,200	5,600	180,000	30	6.3	38	—	—	—
9,500	6,400	160,000	—	12	25	—	—	—
8,500	6,400	185,000	47	14	34	—	—	—
9,100	8,500	170,000	34	11	26	—	—	—
1,300	9,000	45,000	20	7.3	19	-71.0	-6.30	—
1,300	9,100	50,000	17	6.5	24	-76.0	-7.00	—
1,200	7,700	41,000	13	8.1	25	-82.0	-8.10	—
1,400	8,700	47,000	4.7	11	22	-73.0	-6.45	—
1,600	7,300	48,000	19	7.1	28	-70.5	-5.85	—
2,400	6,000	92,000	37	6.3	36	-62.9	-4.88	—
4,600	4,500	170,000	23	5.3	28	—	—	—
7,900	4,900	170,000	19	7.8	28	—	—	—
7,400	6,200	196,000	64	7.9	30	—	-5.34	—
8,500	5,400	160,000	72	1.3	35	—	—	—
6,800	7,900	140,000	29	9.0	21	—	—	—
5,400	5,000	20,000	22	6.5	33	—	-5.97	—
—	—	—	—	—	—	—	—	78
5,500	5,000	150,000	45	6.7	36	—	-6.15	—
140	370	4,600	2.0	1.2	2.8	-127.0	-16.31	—
2,200	4,200	53,000	44	.52	28	—	—	—
1,100	2,500	42,000	21	4.5	31	—	—	—
400	2,800	160,000	2.5	<.01	12	-143.0	-19.73	—
1,600	4,400	150,000	13	2.4	45	-60.7	-3.97	35
2,800	4,200	150,000	28	5.2	78	—	—	—
8,100	5,200	192,000	27	6.2	170	-9.9	7.79	—
98	270	3,500	2.7	1.0	2.4	—	—	—
Pilot Valley								
570	930	18,000	9.1	5.3	4.7	—	—	—
580	1,000	17,000	9.7	4.8	7.1	—	—	—
970	1,400	42,000	14	7.9	11	—	—	—
1,100	1,400	36,000	16	5.6	12	—	—	—
1,600	1,000	34,000	23	2.4	29	—	—	—
880	670	29,000	17	2.6	24	—	—	—

Table 4. Physical properties and results of chemical analyses of water from selected wells and surface-water sites

Location	Date	Water temperature (°C)	Specific gravity, field	Solids, residue at 180°C, dissolved (mg/L)	pH, field (standard units)	Alkalinity, lab (mg/L as CaCO ₃)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)
(B-4-17)4bbb-1	06-08-93	15.0	1.110	187,000	7.0	83	1,400	1,200	63,000
	08-24-93	22.0	1.122	205,000	7.1	88	1,100	1,300	61,000
(B-4-17)6bbb-1	06-08-93	17.0	1.116	159,000	7.4	81	2,200	930	33,000
	08-25-93	22.0	1.147	219,000	7.0	164	2,800	1,200	70,000
(B-4-17)31ccc-1	07-01-93	19.0	1.100	171,000	7.0	421	990	1,300	59,000
(B-4-18)1cbc-1	08-25-93	19.0	1.100	161,000	7.2	220	870	1,300	57,000
	06-04-93	20.0	1.168	285,000	7.5	41	2,000	2,200	81,000
	08-24-93	24.0	1.182	303,000	6.7	31	2,000	1,500	96,000
(B-4-18)6cca-3	06-08-93	15.0	1.086	108,000	7.3	190	1,100	950	37,000
	08-24-93	16.0	1.080	90,400	6.8	194	1,000	780	30,000
(B-4-18)17aaa-1	07-01-93	23.0	1.194	320,000	6.7	110	1,000	3,700	110,000
	08-24-93	23.0	1.198	300,000	6.6	52	2,500	2,700	98,000
(B-4-18)17ddd-1	07-01-93	21.0	1.190	301,000	6.7	75	2,200	2,500	98,000
	08-24-93	24.0	1.180	315,000	6.8	67	2,500	2,900	95,000
(B-4-18)33ccc-1	06-08-93	18.0	1.148	232,000	7.3	77	2,100	1,700	75,000
(B-5-18)32ddc-1	08-25-93	19.0	1.146	240,000	6.7	82	2,600	2,200	79,000
	06-17-93	19.5	1.178	301,000	7.2	49	2,200	2,500	91,000
	08-24-93	25.0	1.180	290,000	6.9	52	2,900	3,100	89,000

¹Production well in alluvial-fan aquifer. Because water level was not monitored in this well, the well is not included in tables 1-3.

²Corrected from original reported value from laboratory.

Bonneville Salt Flats and Pilot Valley, Utah—Continued

Potas- sium, dis- solved (mg/L as K)	Sulfate, dis- solved (mg/L as SO ₄)	Chlo- ride, dis- solved (mg/L as Cl)	Bromide, dis- solved (mg/L as Br)	Boron, dis- solved (mg/L as B)	Stron- tium, dis- solved (mg/L as Sr)	δ ² H (permil)	δ ¹⁸ O (permil)	Trltium, total (pCi/L)
2,300	2,900	95,000	16	2.1	47	—	—	—
2,600	2,700	120,000	36	1.1	44	—	—	—
3,100	4,200	83,000	21	1.4	50	—	—	—
² 3,900	3,800	142,000	43	1.4	49	—	—	—
² 2,600	3,100	100,000	42	2.2	34	—	—	—
2,800	1,600	101,000	37	3.9	32	—	—	—
6,500	3,700	150,000	33	1.9	59	—	—	—
4,400	3,300	180,000	42	1.6	51	—	—	—
330	2,300	61,000	15	1.8	38	—	—	—
1,300	1,600	53,000	20	1.1	30	—	—	—
6,900	3,500	190,000	25	5.4	110	—	—	—
² 14,000	2,400	190,000	32	4.4	72	—	—	—
6,300	3,800	160,000	46	5.1	73	—	—	—
10,000	2,500	170,000	47	4.7	71	—	—	—
4,400	3,700	130,000	22	3.3	51	—	—	—
4,700	3,400	155,000	52	2.3	59	—	—	—
7,600	2,800	150,000	35	3.6	73	—	—	—
6,800	2,500	184,000	23	3.7	70	—	—	—

Table 5. Density and dissolved inorganic constituents in pore fluid extracted from cores collected from selected wells and boreholes during drilling, Bonneville Salt Flats, Utah

[g/mL, grams per milliliter; °C, degrees Celsius; mg/L, milligrams per liter; —, no data]

Local number: The local numbers for boreholes were determined the same way as local numbers for wells. See figure 2 for explanation of numbering system used for hydrologic-data sites in Utah. If the local number ends in a hyphen followed by a number, the borehole was finished as a monitoring well. If the local number does not end in a hyphen and number, the borehole was filled and was not finished as a well; however, several of the boreholes were drilled at sites where monitoring wells exist. See table 1 for cross reference of identification numbers used for wells.

Sample interval: Interval is rounded to nearest five one-hundredths of a foot for core samples that were substantially less than 1 foot, and to nearest five tenths of a foot for core samples greater than 1 foot. If recovery was less than the total sampled length for that borehole, it was assumed that the loss was from the bottom, and the sample interval reflects the feet below land surface beginning from the top of the sampled interval.

Sample interval (feet below land surface)	Density (g/mL at 20°C)	Calcium (mg/L as Ca)	Magnesium (mg/L as Mg)	Sodium (mg/L as Na)	Potassium (mg/L as K)	Bicarbonate (mg/L as HCO ₃)	Sulfate (mg/L as SO ₄)	Chloride (mg/L as Cl)	Bromide (mg/L as Br)	Boron (mg/L as B)	Silicon (mg/L as Si)	Strontium (mg/L as Sr)	Lithium (mg/L as Li)
(B-1-17)11aac-2, drilled October 12, 1992													
58.0-60.5	1.1035	1,700	2,500	52,000	3,200	22	6,900	84,000	63	6.6	41	52	79
60.5-63.0	1.0986	1,600	2,500	50,000	3,100	11	7,730	80,000	64	6.4	29	59	32
(B-1-17)19bcb, drilled October 5, 1993													
2.80-3.10	1.2048	1,400	4,800	100,000	8,500	—	5,200	170,000	150	5.2	14	65	110
3.10-3.40	1.2050	1,600	4,700	110,000	8,400	—	5,100	180,000	160	5.2	32	68	100
3.40-3.70	1.2057	1,500	4,700	110,000	8,500	—	5,100	180,000	160	5.1	17	60	100
(B-1-17)21add-4, drilled October 10, 1992													
2.5-5.0	1.2009	1,200	4,400	110,000	7,200	8.7	5,350	180,000	127	6.8	15	48	74
5.0-7.5	1.2033	1,200	4,400	100,000	6,700	13	5,450	180,000	128	6.9	16	51	79
(B-1-17)29dac, drilled June 25, 1992													
3.00-3.15	1.2098	2,100	5,800	110,000	8,700	89	6,000	200,000	210	9.7	23	46	88
3.15-3.30	1.2087	1,900	6,000	110,000	9,200	91	5,600	190,000	210	9.9	18	45	89
3.30-4.00	1.2093	1,800	5,900	110,000	8,900	95	5,600	200,000	210	9.5	17	45	99
4.00-4.65	1.2018	1,900	6,300	100,000	8,800	94	5,900	190,000	200	9.1	22	47	110
4.65-5.40	1.2029	1,800	6,000	95,000	8,100	96	5,800	190,000	190	8.6	24	47	110
5.40-5.55	1.2019	1,700	5,900	99,000	8,900	100	6,400	190,000	220	8.6	23	49	110
5.55-5.70	1.2031	1,700	6,100	100,000	8,800	130	5,000	190,000	200	8.3	27	47	100
5.70-6.35	1.2019	1,900	6,200	100,000	9,400	110	6,000	190,000	200	8.7	24	50	110
6.35-7.05	1.1998	1,700	6,200	100,000	9,100	110	5,800	190,000	190	8.5	22	50	100
7.05-7.80	1.1980	1,800	6,100	99,000	8,800	110	5,400	180,000	200	8.5	29	50	100
(B-1-17)31acc, drilled June 25, 1992													
8.00- 8.15	1.2105	2,000	6,100	100,000	11,000	84	5,300	200,000	200	9.1	24	58	120
8.15- 8.30	1.2088	2,000	5,200	110,000	8,800	390	3,100	200,000	210	11	25	57	100
8.30- 8.65	1.2088	2,000	5,100	110,000	8,800	170	5,400	190,000	200	8.8	23	51	99
9.00- 9.15	1.1929	1,600	5,800	99,000	8,400	160	5,600	180,000	200	10	17	38	92
9.15- 9.30	1.1919	1,600	5,800	96,000	8,500	160	7,600	180,000	190	11	—	38	91
9.30- 9.65	1.1945	1,900	5,800	99,000	8,600	170	6,500	180,000	190	8.6	25	59	88
9.65-10.00	1.1940	2,000	5,700	99,000	8,900	130	7,100	180,000	180	8.2	27	57	90
10.00-10.30	1.1917	2,000	5,700	94,000	8,100	150	6,600	180,000	180	8.1	28	55	96
10.30-10.75	1.1907	2,200	6,000	95,000	8,700	120	7,600	180,000	180	8.0	21	58	83

Table 5. Density and dissolved inorganic constituents in pore fluid extracted from cores collected from selected wells and boreholes during drilling, Bonneville Salt Flats, Utah—Continued

Sample interval (feet below land surface)	Density (g/mL at 20°C)	Calcium (mg/L as Ca)	Magnesium (mg/L as Mg)	Sodium (mg/L as Na)	Potassium (mg/L as K)	Bicarbonate (mg/L as HCO ₃)	Sulfate (mg/L as SO ₄)	Chloride (mg/L as Cl)	Bromide (mg/L as Br)	Boron (mg/L as B)	Silicon (mg/L as Si)	Strontium (mg/L as Sr)	Lithium (mg/L as Li)
(B-1-17)31acc—Continued													
10.75-10.95	1.1902	2,400	5,700	90,000	7,500	150	7,200	170,000	180	8.6	22	58	86
10.95-11.10	1.1911	2,000	5,900	94,000	7,900	190	8,700	180,000	190	9.1	22	60	86
11.10-11.40	1.1905	1,900	5,700	100,000	8,500	210	6,000	170,000	180	9.8	25	58	98
11.40-12.10	1.1903	2,100	5,900	97,000	8,700	210	6,800	170,000	180	9.6	27	58	100
12.10-12.75	1.1902	2,000	5,800	92,000	7,900	200	7,600	170,000	180	10	31	56	100
43.0-45.5	1.1446	1,700	3,700	79,000	5,500	17	7,170	120,000	140	7.8	23	58	62
45.5-48.0	1.1330	1,400	3,200	69,000	4,300	22	6,850	110,000	73	9.4	25	54	59
48.0-50.5	1.1317	1,700	3,200	61,000	4,500	21	7,920	110,000	93	9.0	24	58	57
50.5-53.0	1.1279	1,500	2,900	66,000	4,800	15	8,210	110,000	88	7.2	33	51	48
(C-1-17)5cbd, drilled June 25, 1992													
0.00-0.15	1.1970	1,400	3,500	110,000	6,400	130	2,400	180,000	210	6.0	8.2	56	73
0.15-0.30	1.2003	1,300	3,700	110,000	6,200	110	2,200	190,000	210	6.5	8.9	49	73
0.30-0.65	1.1965	1,200	4,600	110,000	7,300	140	2,900	180,000	230	7.7	13	36	91
0.65-1.00	1.1971	1,200	5,100	110,000	7,700	290	3,300	180,000	230	7.7	14	37	94
1.00-1.30	1.1985	1,200	5,100	100,000	7,900	470	3,100	180,000	230	11	17	36	89
1.30-1.65	1.1986	1,200	5,000	110,000	7,800	130	2,700	180,000	230	7.9	15	37	110
1.65-2.00	1.1985	1,200	5,200	110,000	7,900	140	2,600	180,000	220	9.9	17	37	100
2.00-2.30	1.1981	1,200	5,100	100,000	7,800	390	2,700	180,000	240	10	17	40	100
(C-1-17)6acc, drilled June 25, 1992													
2.50-2.65	1.2098	1,100	5,700	110,000	9,000	490	3,200	190,000	250	11	16	36	100
2.65-2.80	1.2015	1,700	5,400	100,000	8,400	96	5,900	190,000	200	10	19	37	99
2.80-3.15	1.1998	1,700	5,400	100,000	8,600	110	6,300	190,000	180	9.4	19	36	99
3.15-3.50	1.1970	1,800	5,500	99,000	8,300	100	6,100	180,000	190	9.5	17	37	98
3.50-3.80	1.1963	1,900	5,600	99,000	8,200	110	5,700	180,000	190	8.9	17	37	99
3.80-4.15	1.1945	2,000	5,200	97,000	8,100	100	6,400	170,000	190	8.7	17	35	93
4.15-4.50	1.1938	1,800	5,500	99,000	8,500	110	6,100	180,000	190	9.2	17	37	93
4.50-4.80	1.1940	1,700	5,500	94,000	8,200	110	6,400	180,000	200	8.8	18	36	96
(C-1-18)1acc, drilled October 14, 1992													
2.5- 5.0	1.2056	1,400	4,000	100,000	7,300	8.9	4,320	180,000	124	7.5	9.5	63	79
5.0- 7.5	1.2097	1,200	4,900	110,000	8,800	24	5,500	180,000	154	9.8	21	58	97
7.5-10.0	1.2007	1,200	5,700	99,000	8,800	15	5,900	180,000	159	12	23	60	110
(C-1-18)9adc-2, drilled October 13, 1992													
1.0-3.5	1.2073	1,900	3,600	110,000	6,500	—	4,540	180,000	162	7.4	96	94	74
3.5-6.0	1.2032	1,500	2,600	110,000	5,000	12	4,230	180,000	109	6.1	31	61	52
6.0-8.5	1.2032	1,600	2,500	110,000	5,000	9.5	3,900	190,000	146	6.3	18	66	50

Table 6. Dissolved inorganic constituents, pH, and stable hydrogen and oxygen isotopes in pore fluid extracted from cores collected during drilling of well (B-3-18)7ccc-11, Pilot Valley, Utah, March 26, 1992

[°C, degrees Celsius; mg/L, milligrams per liter; dissolved inorganic constituents reported by Eric Peterson, graduate student at Brigham Young University (written commun., 1992)]

Sample interval: Interval is in feet below land surface beginning from the top of the sampled interval.

$\delta^2\text{H}$: The relative difference in permil (parts per thousand) between the isotope ratio of ^2H to ^1H in a sample and the ratio in a standard referenced to Standard Mean Ocean Water (SMOW) calculated as: $[(^2\text{H}/^1\text{H})_{\text{sample}} - (^2\text{H}/^1\text{H})_{\text{standard}}]/(^2\text{H}/^1\text{H})_{\text{standard}} \times 1,000$.

$\delta^{18}\text{O}$: The relative difference in permil (parts per thousand) between the isotope ratio of ^{18}O to ^{16}O in a sample and ratio in a standard referenced to Standard Mean Ocean Water (SMOW) calculated as: $[(^{18}\text{O}/^{16}\text{O})_{\text{sample}} - (^{18}\text{O}/^{16}\text{O})_{\text{standard}}]/(^{18}\text{O}/^{16}\text{O})_{\text{standard}} \times 1,000$.

Sample Interval (feet below land surface)	Solids, residual at 180°C, dissolved (mg/L)	pH, lab (standard units)	Calcium (mg/L as Ca)	Magne- sium (mg/L as Mg)	Sodium (mg/L as Na)	Potas- sium (mg/L as K)	Bi- carbon- ate (mg/L as HCO_3)	Sulfate (mg/L as SO_4)	Chlo- ride (mg/L as Cl)	Bromide (mg/L as Br)	Lithium (mg/L as Li)	$\delta^2\text{H}$ (permil)	$\delta^{18}\text{O}$ (permil)
38-41	91,000	7.8	610	1,300	30,000	1,600	350	2,800	54,000	180	12	-82.0	-7.30
63-66	75,000	7.8	510	980	25,000	1,400	340	3,000	44,000	170	9.0	-84.6	-8.10
88-91	53,000	7.9	360	740	18,000	1,100	230	3,300	29,000	65	6.9	-91.2	-9.38