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GEOLOGICAL SURVEY

HYDROLOGIC DATA FOR WATER-TABLE AQUIFERS IN THE GREATER DENVER AREA, FRONT RANGE URBAN CORRIDOR, COLORADO

By Donald E. Hillier, Paul A. Schneider, Jr.,

and E. Carter Hutchinson

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METRIC CONVERSION TABLE

Multiply inch-pound unit	*By*	*To obtain metric unit*
inch	25.40	millimeter
foot (ft)	0.3048	meter
mile	1.609	kilometer
gallon per minute (gal/min)	0.06309	liter per second

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ABSTRACT

As part of the U.S. Geological Survey's investigations of the hydrology and geology in the Front Range Urban Corridor of Colorado, hydrologic data for water-table aquifers in the greater Denver area were collected and compiled during 1976-77. These data, consisting of records for 325 wells and 11 springs and chemical analyses of water for 272 of the wells and all 11 springs, are presented in tabular form in this report. The tables contain data that were collected during the investigation, data compiled from reports published by the Colorado Water Conservation Board and the U.S. Geological Survey, and unpublished data from the files of the U.S. Geological Survey. State and local officials in the greater Denver area may find these data useful in planning for residential, commercial, and industrial development.

INTRODUCTION

As part of the U.S. Geological Survey's investigations of the hydrology and geology in the Front Range Urban Corridor of Colorado (fig. 1), hydrologic data for water-table aquifers in the greater Denver area were collected and compiled during 1976-77. The data contained in this report consist of data collected during the investigation, data compiled from reports published by the Colorado Water Conservation Board and the U.S. Geological Survey (see SELECTED REFERENCES), and unpublished data from the files of the U.S. Geological Survey. State and local officials in the greater Denver area may find these data useful in planning for residential, commercial, and industrial development.

Appreciation is extended to the many landowners in the study area for permitting access to and collection of water data from their wells or springs. Dennis C. Hall, Elaine L. Boyd, and Doug L. Cain of the U.S. Geological Survey provided all data for wells and springs in Boulder County that are presented in this report. Dennis C. Hall provided all data for wells in western Jefferson County that are completed in rocks of Precambrian age.

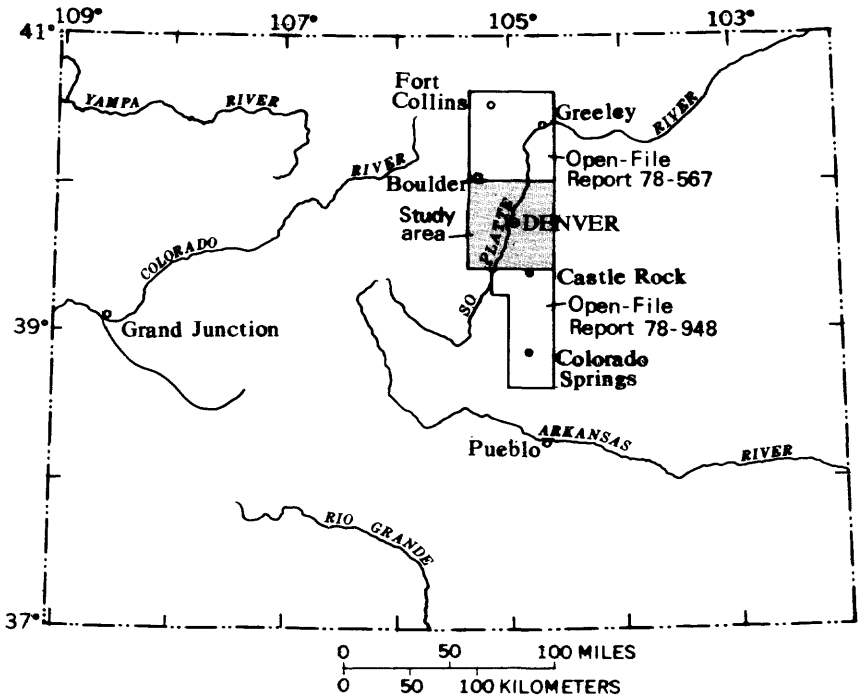

Figure 1.--Location of study area in the Front Range Urban Corridor.

METHOD OF DATA PRESENTATION

Hydrologic data are presented in tables 1-4 at the back of this report. Records of wells are included in table 1; chemical analyses of water from wells are included in table 2. Records of springs are included in table 3; chemical analyses of water from springs are included in table 4. The locations of the wells and springs are shown on plate 1. The wells and springs in the tables are cross indexed with locations shown on plate 1 using numbers found in the first column of the tables and adjacent to the well or spring symbol on plate 1.

Each well and spring in the tables also is located by township, range, and section (local well number) as explained on figure 2 and by latitude and longitude (site identification number). The first six digits of the site identification number are the latitude, in degrees, minutes, and seconds. The next seven digits are the longitude, in degrees, minutes, and seconds. The last two digits are the sequential number assigned to the well or spring.

Records of wells for which historical (1975 or older) chemical-quality data are available and records of wells for which depth-to-water and chemical-quality data were collected during 1976-77 are included in table 1. Depth-to-water measurements are shown only for wells where the depth to water was measured during 1976-77; measurements are reported to the nearest 0.1 foot for most wells and to the nearest foot for the remaining wells. Water levels measured while a well was pumping are indicated by a P following the measurement (wells 237, 262, 266, and 320). Land-surface altitudes are shown to the nearest 0.1 foot where the altitude was determined by leveling. Other land-surface altitudes were determined from topographic maps published by the U.S. Geological Survey.

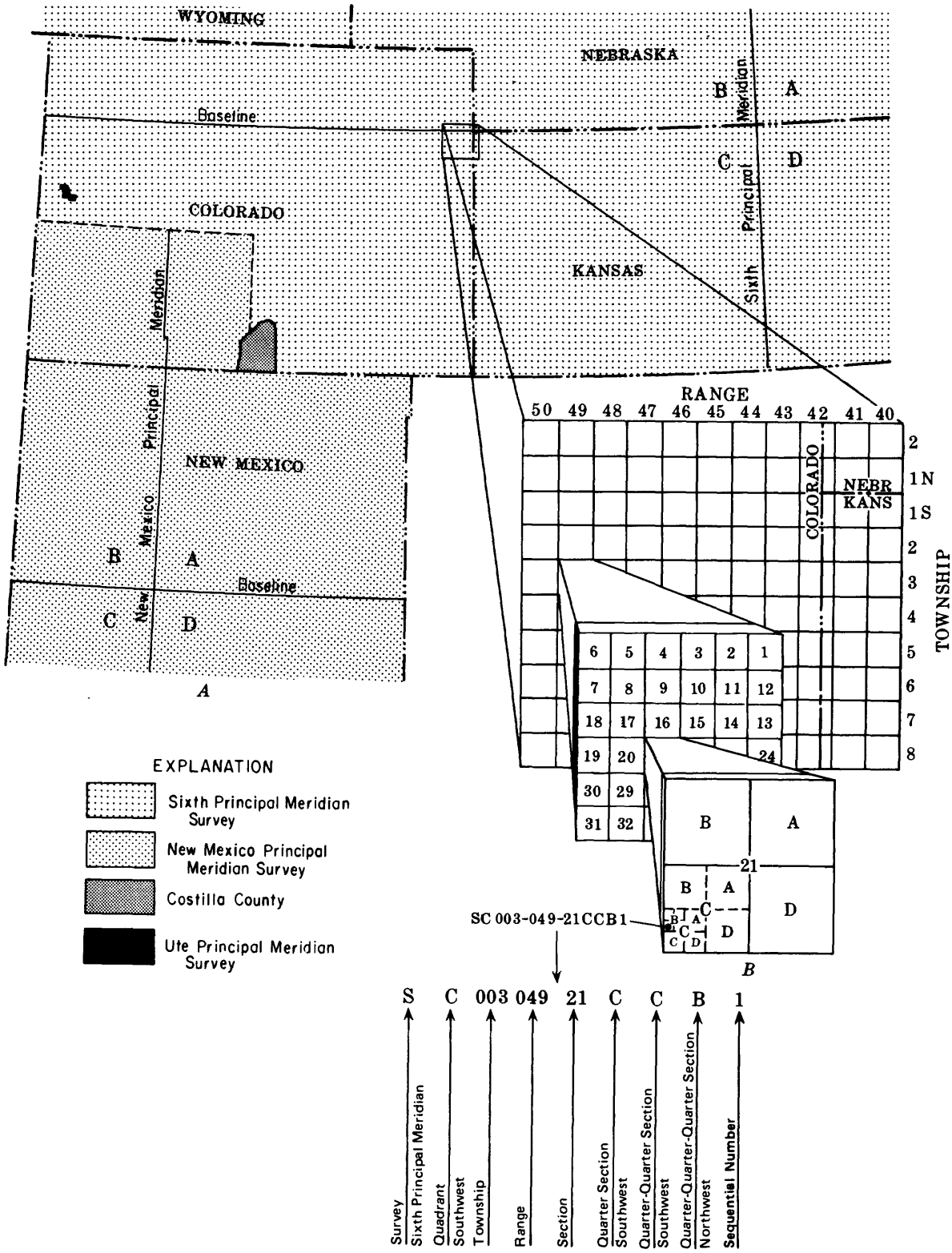

Figure 2.--System of numbering wells and springs using township, range, and section.

All chemical analyses presented in table 2 were determined in laboratories of the U.S. Geological Survey with the exception of those analyses for wells 20, 150-160, 175-191, 194, and 215-228. The analyses for wells 20 and 194 were provided by the Colorado Department of Health (McConaghy and others, 1964); the analyses for wells 150-160 were provided by commercial or private laboratories (McConaghy and others, 1964); and the analyses for wells 175-191 and 215-228 were provided by the Metropolitan Denver Sewage Disposal District (Robson, 1977).

Records of springs for which historical (1975 or older) chemical-quality data are available and records of springs for which chemical-quality data were collected during 1976-77 are included in table 3. Land-surface altitudes were determined from topographic maps published by the U.S. Geological Survey. All chemical analyses presented in table 4 were determined in laboratories of the U.S. Geological Survey.

SELECTED REFERENCES

Hutchinson, E. C., and Hillier, D. E., 1978, Hydrologic data for water-table aquifers in the Colorado Springs--Castle Rock area, Front Range Urban Corridor, Colorado: U.S. Geological Survey Open-File Report 78-948, 41 p.

McConaghy, J. A., Chase, G. H., Boettcher, A. J., and Major, T. J., 1964, Hydrogeologic data of the Denver Basin, Colorado: Colorado Water Conservation Board Basic-Data Report 15, 224 p.

Robson, S. G., 1977, Ground-water quality near a sewage-sludge recycling site and a landfill near Denver, Colorado: U.S. Geological Survey Water-Resources Investigations 76-132, 137 p.

Schneider, P. A., Jr., 1962, Records and logs of selected wells and test holes, and chemical analyses of ground water in the South Platte River basin in western Adams and southwestern Weld Counties, Colorado: Colorado Water Conservation Board Basic-Data Report 9, 84 p.

Schneider, P. A., Jr., and Hillier, D. E., 1978, Hydrologic data for water-table aquifers in the Boulder--Fort Collins--Greeley area, Front Range Urban Corridor, Colorado: U.S. Geological Survey Open-File Report 78-567, 55 p.

Table 1.--*Records of wells*

EXPLANATION OF DATA

COUNTY:

001 = Adams County
005 = Arapahoe County
013 = Boulder County
031 = Denver County
035 = Douglas County
059 = Jefferson County

AQUIFER:

Holocene and Pleistocene
111ALFP--Alluvium, flood plain
111AVMT--Alluvium, terrace
111DUNE--Dune sand
111VLFL--Valley-fill deposits
Eocene
124DWSN--Dawson Arkose
Paleocene
125DNVR--Denver Formation
Upper Cretaceous
211LRMI--Laramie Formation
Precambrian
400PCMB--Precambrian Erathem

CASING MATERIAL:

B = Brick
C = Concrete
G = Galvanized iron
P = Plastic
R = Rock
S = Steel
T = Tile

PUMP TYPE:

B = Bucket
C = Centrifugal
J = Jet
P = Piston
S = Submergible
T = Turbine
N = None

PUMP POWER:

E = Electricity
G = Gasoline
H = Hand
W = Wind
N = None

USE OF WATER:

A = Air conditioning
C = Commercial
F = Fire protection
H = Domestic
I = Irrigation
N = Industrial
P = Public supply
R = Recreation
S = Stock watering
U = Unused

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
1	SC00106502DCD1	395912104373401	001	111ALFP	58	18	S	T	E	I	27.0	4-13-77	5087.0	No
2	SC00106514DBC1	395741104374601	001	111ALFP	70	18	S	T	E	I	53.4	4-14-77	5142.0	No
3	SC00106523CDD1	395634104375501	001	111ALFP	59	18	S	T	E	I	33.1	4-14-77	5162.9	No
4	SC00106526DBD1	395555104373401	001	111ALFP	60	18	S	T	E	I	32.5	4-15-77	5186	Yes
5	SC00106601BAA1	395958104433101	001	111AVMT	70	18	G	T	E	I	—	—	4960	Yes
6	SC00106606DBB1	395934104490201	001	111AVMT	42	18	G	T	E	I	—	—	4976	Yes
7	SC00106607CCB1	395929104493301	001	111AVMT	30	72	C	T	E	I	23.4	3-3-77	4990	Yes
8	SC00106611DCC1	395822104442901	001	111AVMT	55	18	S	T	E	I	16.3	3-3-77	5048	No
9	SC00106612DCC1	395822104432401	001	111AVMT	57	18	G	T	E	I	4.9	3-3-77	5038.0	Yes
10	SC00106618CDC1	395730104492001	001	111AVMT	40	48	C	P	H	H	—	—	5005	Yes
11	SC00106619DCD1	395638104485300	001	111AVMT	44	48	C	T	E	I	33.9	3-3-77	5049.8	No
12	SC00106629CAC1	395602104481201	001	111AVMT	45	—	—	—	—	I	—	—	5100	Yes
13	SC00106632AAD1	395533104472401	001	111AVMT	16	7	S	N	N	U	—	—	5090	Yes
14	SC00106713ACD1	395756104495601	001	111AVMT	35	48	C	—	—	H	—	—	5000	Yes
15	SC00106713DBD1	395744104500301	001	111AVMT	38	96	C	C	E	I	23.5	3-3-77	5003	Yes
16	SC00106723BCA1	395714104514501	001	111ALFP	17	8	S	C	E	S	12.1	4-29-77	4995.6	Yes
17	SC00106734BAC1	395531104523701	001	111ALFP	31	1	S	N	N	U	8.9	3-3-77	5014	Yes
18	SC00106735DCD1	395452104510701	001	111AVMT	40	72	C	T	E	I	31.8	3-3-77	5051	No
19	SC00106735DDB1	395502104510101	001	111AVMT	40	48	C	T	E	I	32.3	4-25-77	5051	Yes
20	SC00106810CBB2	395841104594601	001	111DUNE	48	5	S	J	E	H	—	—	5181	Yes

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
21	SC00106836BCC1	395518104572901	001	111DUNE	36	6	S	J	E	S	3.2	3-8-77	5260	Yes
22	SC00106902DBA1	395937105043800	013	111DUNE	37	6	S	—	—	I	16	8-23-76	5174	No
23	SC00106903AAC1	395958105053700	013	111DUNE	30	12	S	—	—	I	12	8-23-76	5256	No
24	SC00106910BAB1	395911105061100	013	111DUNE	—	36	B	—	—	H	15.5	8-19-76	5236	No
25	SC00106911BCC1	395852105051801	013	111ALFP	14	—	—	—	—	—	—	—	5190	Yes
26	SC00106912BCC1	395847105041700	013	111ALFP	—	36	C	—	—	R	8.3	8-19-76	5150	No
27	SC00106914AAB1	395818105043200	013	111AVMT	37	18	S	—	—	H	18	8-19-76	5176	No
28	SC00106917BDC1	395757105082400	013	111AVMT	26	18	S	T	N	U	12.4	6-16-76	5375	No
29	SC00106935CAA1	395513105045500	013	111DUNE	14	18	S	—	—	H	9	8-12-76	5369	No
30	SC00107003BBB1	395958105131500	013	111ALFP	10	36	C	—	—	H	1.1	8-27-76	5283	No
31	SC00107004DCD1	395911105133600	013	111ALFP	10	8	S	—	—	H	5	8-27-76	5335	No
32	SC00107005AAB1	395956105143900	013	111ALFP	20	12	S	—	—	H	17	8-27-76	5314	No
33	SC00107010DCC2	395819105124300	013	211LRMI	45	6	S	—	—	H	11	8-31-76	5443	No
34	SC00107020ADD1	395705105143000	013	111AVMT	16	48	C	—	—	H	6	11-10-76	5508	No
35	SC00107020DBD1	395648105144800	013	111AVMT	16	24	C	—	—	H	9	11-10-76	5546	No
36	SC00107022BAB1	395723105130100	013	111VLFL	—	—	—	S	E	H	8.5	9-14-76	5525	Yes
37	SC00107024AAC1	395715105101100	013	111AVMT	—	36	C	—	—	H	18	8-26-76	5509	No
38	SC00107024AAD1	395715105095700	013	111AVMT	20	24	C	—	—	H	9	8-26-76	5490	No
39	SC00107024ADA1	395710105100400	013	111ALFP	20	36	R	—	—	H	8	8-26-76	5490	No
40	SC00107024ADB1	395710105100300	013	111AVMT	—	—	—	—	—	H	—	—	5500	Yes

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
41	SC00107024ADB2	395711105101100	013	111AVMT	25	36	R	—	—	H	10.0	8-20-76	5506	No
42	SC00107029BBD1	395623105152100	013	111ALFP	25	6	S	—	—	H	17	11-10-76	5620	No
43	SC00107032BBB1	395540105153000	013	111VLFL	40	36	C	—	—	H	11	8-25-76	5825	No
44	SC00107115BBA1	395817105201400	013	400PCMB	—	6	S	—	—	H	56	10-21-76	7820	No
45	SC00107115CAC1	395743105201200	013	400PCMB	210	6	S	—	—	H	113	10-24-76	7445	No
46	SC00107117DDC1	395728105215000	013	400PCMB	140	6	S	—	—	H	48	10-20-76	7600	No
47	SC00107122ABB1	395725105195200	013	400PCMB	—	6	S	—	—	H	14	10-20-76	7000	No
48	SC00107128ACA1	395618105205000	013	111ALFP	15	48	C	—	—	H	11	10-21-76	6800	No
49	SC00107132DAD1	395505105213700	013	400PCMB	100	6	S	—	—	H	62	10-21-76	7965	No
50	SC00107133ADC1	395521105204200	013	400PCMB	240	7	S	—	—	H	53	10-21-76	7750	No
51	SC00107134BCD1	395521105201900	013	400PCMB	150	6	S	—	—	H	18	11-1-76	7480	No
52	SC00107134DBA1	395515105193900	013	400PCMB	155	7	S	—	—	H	5	11-16-76	7440	No
53	SC00206502BDD1	395424104375301	001	111ALFP	34	24	S	N	N	U	29.8	4-20-77	5220.7	No
54	SC00206523ADC1	395148104373601	001	111ALFP	67	18	S	T	E	I	26.6	1-27-77	5298	No
55	SC00206526DAB1	395056104373101	001	111AVMT	69	18	S	T	E	I	29.1	1-27-77	5325	No
56	SC00206535DBB1	395002104374201	001	111ALFP	55	16	S	T	E	I	24.4	1-27-77	5350	No
57	SC00206535DCD1	394936104373901	001	111ALFP	48	72	C	N	N	U	27.3	1-27-77	5360	No
58	SC00206603BBB1	395451104461301	001	111AVMT	60	6	S	S	E	H	21.8	11-2-76	5124	Yes
59	SC00206619CCD1	395124104493001	001	111AVMT	15	6	S	N	N	U	—	—	5179.1	Yes
60	SC00206630CCB1	395042104493701	001	111AVMT	12	6	G	N	N	U	—	—	5199.5	Yes

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
61	SC00206631BBA1	395025104493001	001	111ALFP	29	12	G	N	N	U	—	—	5223.6	Yes
62	SC00206631DAC1	394945104485101	001	111ALFP			DESTROYED				—	—	5252.8	Yes
63	SC00206632DCD1	394940104474401	001	111AVMT	49	24	S	N	N	U	—	—	5295.1	Yes
64	SC00206701AAD1	395444104493900	001	111AVMT	32	36	C	N	N	U	14.1	2-6-76	5084	No
65	SC00206703BDB1	395433104523901	001	111ALFP	31	36	C	T	E	I	4.0	4-22-77	5022	Yes
66	SC00206703CBA1	395424104525101	001	111ALFP	12	36	C	—	—	I	—	—	5027	Yes
67	SC00206703CCC2	395340104530101	001	111ALFP	11	48	C	C	E	I	—	—	5034	Yes
68	SC00206708BCC1	395339104550901	001	111ALFP	33	—	—	—	—	I	—	—	5081	Yes
69	SC00206708CCC1	395310104551601	001	111ALFP	32	48	C	T	E	I	24.5	4-20-77	5088	No
70	SC00206709ADD1	395338104524101	001	111ALFP	13	36	C	C	E	I	—	—	5042.7	Yes
71	SC00206709CDC1	395312104534601	001	111ALFP	12	24	S	—	—	I	—	—	5040	Yes
72	SC00206709DAA1	395327104524201	001	111AVMT	23	48	C	C	E	I	—	—	5055	Yes
73	SC00206709DAD1	395325104524201	001	111AVMT	45	8	S	J	E	H	—	—	5080	Yes
74	SC00206709DAD2	395322104524201	001	111AVMT	50	48	C	T	E	I	—	—	5077.0	Yes
75	SC00206709DDB1	395318104531201	001	111AVMT	46	96	C	C	E	I	—	—	5074.8	Yes
76	SC00206710AAC1	395351104521001	001	111AVMT	42	48	C	C	E	I	—	—	5070	Yes
77	SC00206710ABD1	395352104521401	001	111AVMT	44	48	C	T	E	I	—	—	5073.4	Yes
78	SC00206710ADD1	395334104515501	001	111AVMT	49	60	C	T	E	I	—	—	5082	Yes
79	SC00206710BDB1	395341104524201	001	111AVMT	33	—	C	T	E	I	—	—	5058.8	Yes
80	SC00206710CCC1	395313104525501	001	111AVMT	59	—	—	—	—	H	—	—	—	Yes

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
81	SC0020671OCCD1	395308104524701	001	IIIAVMT	34	60	C	C	G	I	—	—	5076.4	Yes
82	SC0020671OCDD1	395308104523101	001	IIIAVMT	40	18	S	T	E	I	—	—	5079.5	Yes
83	SC0020671ODCC1	395308104522001	001	IIIAVMT	40	48	C	T	E	I	—	—	5084	Yes
84	SC0020671ODDB2	395318104520401	001	IIIAVMT	55	60	C	T	E	I	—	—	5082	Yes
85	SC0020671IDBD2	395320104510601	001	IIIAVMT	50	48	C	T	E	I	—	—	5115.3	Yes
86	SC0020671 3CAD1	395234104501501	001	IIIAVMT	41	24	S	N	N	U	—	—	5147.8	Yes
87	SC0020671 4AAA1	395305104504901	001	IIIAVMT	26	—	—	P	H	U	—	—	5127	Yes
88	SC0020671 4BBA1	395304104514301	001	IIIAVMT	51	24	C	T	E	I	—	—	5102.0	Yes
89	SC0020671 4BBB2	395306104514701	001	IIIAVMT	59	—	—	T	E	I	—	—	5102	Yes
90	SC0020671 5ADB1	395247104522001	001	IIIAVMT	47	60	C	T	E	I	—	—	5100	Yes
91	SC0020671 5BAD1	395258104522801	001	IIIAVMT	50	48	C	T	E	I	—	—	5088	Yes
92	SC0020671 5BDA1	395254104522901	001	IIIAVMT	50	48	C	T	E	I	—	—	5089	Yes
93	SC0020671 5BDB1	395251104524201	001	IIIAVMT	48	48	C	T	E	I	—	—	5078	Yes
94	SC0020671 5BDC1	395242104524201	001	IIIAVMT	35	18	S	T	E	I	—	—	5084	Yes
95	SC0020671 5CBC1	395229104525401	001	IIIAVMT	30	36	C	T	E	I	—	—	5086	Yes
96	SC0020671 5CCD1	395216104524701	001	IIIAVMT	39	48	C	T	E	I	—	—	5100	Yes
97	SC0020671 5CDC1	395216104524301	001	IIIAVMT	40	24	G	J	E	S	—	—	5102	Yes
98	SC0020671 5DCB1	395223104522701	001	IIIAVMT	40	48	C	T	E	I	—	—	5100.0	Yes
99	SC0020671 6ACB1	395247104532801	001	IIIAVMT	40	24	S	T	E	I	—	—	5080	Yes
100	SC0020671 6BDD1	395246104534201	001	IIIAVMT	43	18	S	T	E	I	—	—	5082.2	Yes

Table 1.-- Records of wells — Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
101	SC00206716BDD2	395242104534201	001	IIIAVMT	43	36	C	T	E	I	—	—	5090	Yes
102	SC00206716CCD2	395216104540001	001	IIIAVMT	44	60	C	N	N	U	—	—	5097	Yes
103	SC00206716DDD1	395216104530301	001	IIIAVMT	39	48	C	T	E	I	—	—	5098	Yes
104	SC00206717BAC1	395300104550001	001	IIIAVMT	15	96	B	N	N	U	9.8	4-20-77	5067.5	No
105	SC00206720CBD1	395136104550201	001	IIIAVMT	14	72	C	T	E	C	—	—	5107	Yes
106	SC00206720CCA1	395134104550401	001	IIIALFP	13	48	C	T	E	C	6.2	4-20-77	5068	No
107	SC00206721ADD1	395153104530501	001	IIIAVMT	53	60	C	T	E	I	—	—	5114.2	Yes
108	SC00206721BDD1	395150104533901	001	IIIAVMT	97	48	C	T	E	I	—	—	5107.4	Yes
109	SC00206722BCB1	395201104530101	001	IIIAVMT	47	48	C	T	E	I	—	—	5102	Yes
110	SC00206722BCC2	395151104525901	001	IIIAVMT	46	18	S	T	E	I	—	—	5110	Yes
111	SC00206722BCC3	395149104530001	001	IIIAVMT	48	18	S	T	E	I	—	—	5109	Yes
112	SC00206722CAA1	395143104523001	001	IIIAVMT	51	36	C	T	E	I	—	—	5132.6	Yes
113	SC00206724ACC1	395150104501101	001	IIIALFP	22	8	G	C	G	N	—	—	5160	Yes
114	SC00206724BDD1	395150104502001	001	IIIAVMT	33	24	C	N	N	U	—	—	5165.8	Yes
115	SC00206727BBA1	395118104524101	001	IIIAVMT	45	7	G	N	N	U	—	—	5120	Yes
116	SC00206727DDD1	395035104515601	001	IIIAVMT	58	3	G	N	N	U	—	—	5189.9	Yes
117	SC00206728AAA1	395121104540601	001	IIIAVMT	51	46	C	J	E	P	—	—	5111	Yes
118	SC00206728ACD1	395058104532801	001	IIIAVMT	53	44	C	N	N	U	—	—	5140.6	Yes
119	SC00206728DBB1	395051104533301	001	IIIAVMT	30	46	C	T	E	I	—	—	5135	Yes
120	SC00206732AAA1	395026104541701	001	IIIAVMT	64	—	—	—	—	H	—	—	—	Yes

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
121	SC00206732ADA1	395011104541001	001	111AVMT	116	48	C	T	E	P	55.5	4-21-77	5158	Yes
122	SC00206733BCB1	395011104540801	001	111AVMT	48	6	S	N	N	U	—	—	5150.5	Yes
123	SC00206825ADD2	395058104562401	001	111ALFP	30	48	C	T	E	P	7.5	4-22-77	5080	Yes
124	SC00206836BDA1	395016104565901	001	111ALFP	18	24	C	T	E	P	14.0	4-22-77	5100.1	No
125	SC00206836BDA2	395016104565801	001	111ALFP	25	24	S	T	E	P	—	—	5093	Yes
126	SC00206914BAC1	395259105050601	059	111AVMT	16	36	C	S	E	H	10.0	10-2-76	5351	Yes
127	SC00206915CBB1	395241105063001	059	111AVMT	31	60	B	J	E	H	18.5	3-22-77	5460	Yes
128	SC00206932BCC1	395006105084601	059	111ALFP	30	15	S	J	E	I	3.0	10-9-76	5490	Yes
129	SC00207D10CAD1	395322105124701	059	111AVMT	—	6	S	N	N	U	20.6	1-5-77	6053.9	No
130	SC00207D24DBA1	395145105101401	059	111ALFP	18	48	C	B	H	S	5.9	2-19-77	5640	Yes
131	SC00306502DDC1	394851104373101	001	111ALFP	58	18	G	N	N	U	20.3	4-20-77	5380	No
132	SC00306511ADC1	394819104373201	001	111AVMT	71	18	G	T	E	I	22.9	4-19-77	5398	Yes
133	SC00306514DBA1	394725104373401	001	111AVMT	55	18	G	T	E	I	25.5	4-19-77	5422	Yes
134	SC00306604BCC2	394917104472301	001	111AVMT	43	18	S	T	E	I	—	—	5305.0	Yes
135	SC00306605CCC1	394848104483101	001	111ALFP	19	36	B	N	N	U	—	—	5284.8	Yes
136	SC00306606CCB1	394851104493701	001	111ALFP	46	5	G	N	N	U	—	—	5282	Yes
137	SC00306608DAA1	394818104472701	001	111ALFP	15	30	B	C	N	U	—	—	5302	Yes
138	SC00306609BBC1	394834104472401	001	111AVMT	32	18	S	T	E	I	—	—	5304.3	Yes
139	SC00306617BDC1	394729104481001	001	111AVMT	70	18	S	T	E	I	—	—	5325.9	Yes
140	SC00306633DCC1	394426104464701	001	111ALFP	33	56	S	T	E	I	16.9	5-10-77	5430	Yes

Table 1.-- Records of wells – Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
141	SC00306633DDC1	394427104462801	001	111ALFP	36	18	S	T	E	I	–	–	5432	Yes
142	SC00306706DCD1	394847104553801	001	111AVMT	25	60	C	J	E	H	14.2	3-3-77	5152	No
143	SC00306707AAD1	394836104551901	001	111AVMT	37	18	S	T	E	I	17.7	4-22-77	5165	Yes
144	SC00306707ACA1	394933104553701	001	111AVMT	22	48	C	T	E	P	–	–	5158	Yes
145	SC00306707DBA1	394818104553701	001	111AVMT	32	48	G	C	E	S	–	–	5169.6	Yes
146	SC00306713BBB1	394754104504601	031	111AVMT	75	6	G	–	–	H	–	–	5280	Yes
147	SC00306714ACA1	394739104510701	001	111AVMT	51	18	S	T	E	I	–	–	5270.5	Yes
148	SC00306718ABC1	394741104554501	001	111ALFP	32	12	S	N	N	U	3.3	5-3-77	5176	No
149	SC00306811ADD1	394826104573401	001	111ALFP	30	26	S	T	E	N	9.0	4-13-77	5118.5	Yes
150	SC00306812CBA1	394816104572201	001	111ALFP	32	48	C	T	E	N	–	–	5119	Yes
151	SC00306812CBB3	394815104572801	001	111ALFP	32	48	C	C	E	N	–	–	5121.0	Yes
152	SC00306812CCA1	394804104571701	001	111ALFP	32	36	C	T	E	N	–	–	5136.2	Yes
153	SC00306812CDB1	394804104571201	001	111ALFP	19	48	C	T	E	N	–	–	5134.7	Yes
154	SC00306812CDC1	394758104571001	001	111ALFP	21	48	C	T	E	N	–	–	5145	Yes
155	SC00306812DAA1	394815104563201	001	111AVMT	40	48	C	T	E	F	–	–	5159.1	Yes
156	SC00306812DAD1	394807104562801	001	111AVMT	48	18	S	T	E	N	–	–	5150	Yes
157	SC00306812DCD1	394757104564801	001	111AVMT	46	48	C	T	E	N	–	–	5163	Yes
158	SC00306814ABC1	394745104580201	001	111ALFP	18	48	C	C	E	S	–	–	5134	Yes
159	SC00306814BAA1	394748104581201	001	111ALFP	18	48	C	C	E	S	–	–	5135	Yes
160	SC00306814BAD1	394745104581001	001	111ALFP	17	48	C	C	E	S	–	–	5135	Yes

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
161	SC00306B23BDB1	394644104581501	031	111AVMT	64	60	C	T	E	A	11.2	4-20-77	5165.7	Yes
162	SC00306904ABD1	394931105065601	059	111AVMT	12	55	B	S	E	I	4.9	1-5-77	5490	Yes
163	SC00306915DCA1	394713105054301	059	111ALFP	10	12	S	S	E	H	5.2	10-9-76	5315	Yes
164	SC00306919BDD1	394640105092401	059	111AVMT	28	6	S	C	E	I	8.1	1-13-77	5515	Yes
165	SC00306923CBD1	394624105050901	059	111AVMT	17	22	G	C	E	I	—	—	5436.5	Yes
166	SC00306924CBB1	394630105041601	059	111AVMT	22	6	S	—	—	I	—	—	5393.0	Yes
167	SC00306926ACC1	394548105044501	059	111AVMT	40	8	S	—	—	—	—	—	5483.2	Yes
168	SC00306930ABC1	394600105092001	059	111ALFP	18	60	C	—	—	R	—	—	5477	Yes
169	SC00306932CDB1	394438105081701	059	111AVMT	40	24	S	J	E	I	—	—	5579.3	Yes
170	SC00307011AAB1	394844105111601	059	111ALFP	35	36	S	S	E	H	24.6	1-11-77	5650	Yes
171	SC00307013BDA2	394734105102901	059	111AVMT	33	48	B	C	E	I	—	—	5601.0	Yes
172	SC00307025CAB1	394612105103801	059	111YLFL	40	18	S	S	E	H	—	—	5620	Yes
173	SC00307027BDD1	394543105124601	059	111ALFP	12	120 × 240	C	T	E	N	—	—	5625.3	Yes
174	SC00307027CAA1	394529105130001	059	111ALFP	12	120 × 120	C	C	E	N	—	—	5631.2	Yes
175	SC00406528BBC1	394044104403801	005	111AVMT	21	8	S	J	E	H	—	—	5628	Yes
176	SC00406528BDD1	394031104401201	005	111ALFP	20	2	P	N	N	U	9.6	4-15-76	5635	Yes
177	SC00406528DCA1	394016104395401	005	111ALFP	20	2	P	N	N	U	—	—	5642	Yes
178	SC00406529AAA1	394053104404301	005	111AVMT	33	6	S	S	E	H	—	—	5624	Yes
179	SC00406530BDD1	394030104422701	005	111ALFP	23	2	P	N	N	U	10.3	4-5-76	5640	Yes
180	SC00406530DCD1	394004104421401	005	111ALFP	18	2	P	N	N	U	8.7	4-5-76	5660	Yes

Table 1.-- Records of wells — Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
181	SC004065 30DDD1	394009104415201	005	111ALFP	16	2	P	N	N	U	—	—	5680	Yes
182	SC004065 31DBB1	393937104422001	005	111ALFP	23	2	P	N	N	U	4.8	3-30-76	5680	Yes
183	SC004065 31DDC1	393912104420201	005	111ALFP	28	2	P	N	N	U	7.7	3-31-76	5710	Yes
184	SC004065 32ADA1	393946104404201	005	111ALFP	27	2	P	N	N	U	—	—	5696	Yes
185	SC004065 32ADD1	393939104404601	005	111ALFP	21	2	P	N	N	U	—	—	5694	Yes
186	SC004065 32BAB1	394002104412901	005	111ALFP	11	2	P	N	N	U	—	—	5720	Yes
187	SC004065 32CBC1	393924104414701	005	111ALFP	16	2	P	N	N	U	—	—	5720	Yes
188	SC004065 33BAB1	393958104402301	005	111ALFP	28	2	P	N	N	U	15.5	4-2-76	5670	Yes
189	SC004065 33BAB3	393958104402201	005	111ALFP	23	2	P	N	N	U	10.6	4-2-76	5665	Yes
190	SC004065 33CBC1	393924104403501	005	111ALFP	21	6	G	P	H	S	—	—	5704	Yes
191	SC004065 34CBB1	393935104393001	005	111ALFP	16	2	P	N	N	U	6.7	3-31-76	5665	Yes
192	SC004067 18ACA1	394222104554301	005	111AVMT	60	60	C	T	E	I	—	—	5347.4	Yes
193	SC004067 18ACC1	394217104554501	005	111AVMT	45	6	S	N	N	U	16.7	4-21-77	5355	No
194	SC004067 18ACC2	394216104554601	005	111AVMT	43	24	S	T	E	P	—	—	5352.0	Yes
195	SC004067 18ACD1	394218104554301	005	111AVMT	51	—	—	T	E	P	—	—	5355	Yes
196	SC004067 21BCD1	394127104535301	005	111ALFP	56	18	S	T	E	U	16.2	4-28-77	5408.9	Yes
197	SC004067 28BAB1	394055104534601	005	111ALFP	39	24	S	N	N	U	13.6	4-28-77	5421.6	Yes
198	SC004067 35CCD1	393912104514501	031	111AVMT	100	18	S	T	E	I	30.8	5-2-77	5505	Yes
199	SC004068 05ADB1	394409105010701	031	111ALFP	40	18	S	T	E	N	21.0	5-9-77	5198	Yes
200	SC004068 09DCA1	394239105000601	031	111ALFP	32	6	S	N	N	U	—	—	5215.7	Yes

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
201	SC00406811DBA1	394304104574901	031	111ALFP	33	48	C	T	E	I	10.9	4-19-77	5285.1	Yes
202	SC00406822CCA1	394107104593701	031	111ALFP	28	48	C	N	N	U	10.6	5-3-77	5250	No
203	SC00406826CBD1	394022104582601	031	111AVMT	28	—	—	J	E	H	—	—	5325	Yes
204	SC00406828DAC1	394018104595701	031	111ALFP	35	24	S	T	E	N	—	—	5257.5	Yes
205	SC00406828DDB1	394013104595801	031	111AVMT	44	16	S	T	E	N	11.6	5-10-77	5257.5	Yes
206	SC00406834CCD1	393918104593101	005	111AVMT	42	48	C	T	E	I	18.0	4-18-77	5310	Yes
207	SC00406902DBC1	394348105044401	059	111AVMT	75	—	—	S	E	H	—	—	5408	Yes
208	SC00406910CAD1	394255105060001	059	111AVMT	64	6	S	J	E	I	—	—	5541	Yes
209	SC00406912DAC1	394300105031101	059	111AVMT	60	6	S	J	E	I	—	—	5405	Yes
210	SC00407007BDC1	394309105160800	059	400PCMB	230	6	S	N	N	U	42.0	2-4-76	7285	Yes
211	SC00407032AAB1	393958105143200	059	400PCMB	100	6	S	N	N	U	12.1	2-4-76	6560	Yes
212	SC00407112CBB1	394301105173300	059	400PCMB	110	6	S	N	N	U	26.2	2-9-77	7810	Yes
213	SC00407116DBB1	394205105202400	059	400PCMB	160	6	S	N	N	U	35.9	2-9-77	7570	Yes
214	SC00407120ACB1	394127105212900	059	400PCMB	203	48	C	S	E	H	—	—	7820	Yes
215	SC00506503ABB1	393908104385901	005	111ALFP	18	2	P	N	N	U	—	—	5690	Yes
216	SC00506504AAA2	393910104393601	005	111ALFP	18	2	P	N	N	U	—	—	5720	Yes
217	SC00506504BDB1	393855104402401	005	111ALFP	33	2	P	N	N	U	—	—	5725	Yes
218	SC00506504CAB1	393843104402401	005	111ALFP	18	2	P	N	N	U	21.6	4-1-76	5745	Yes
219	SC00506504CAC1	393834104402001	005	111ALFP	29	42	—	P	H	S	—	—	5748	Yes
220	SC00506504DBC1	393833104400801	005	111ALFP	22	2	P	N	N	U	12.4	3-31-76	5750	Yes

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
221	SC0050650 6ABC1	393903104422201	005	111ALFP	28	2	P	N	N	U	9.3	3-31-76	5725	Yes
222	SC0050650 6BDD3	393846104422901	005	111ALFP	37	2	P	N	N	U	8.2	3-30-76	5755	Yes
223	SC0050650 6CAC1	393835104424101	005	125DNVR	53	2	P	N	N	U	27.0	4-2-76	5803	Yes
224	SC0050650 6CDA1	393831104422601	005	125DNVR	63	2	P	N	N	U	51.7	3-30-76	5833	Yes
225	SC0050650 6CDD1	393819104423001	005	124DWSN	53	2	P	N	N	U	31.8	3-30-76	5835	Yes
226	SC0050650 9ACD1	393756104395301	005	111ALFP	20	2	P	N	N	U	—	—	5770	Yes
227	SC0050650 9BAA1	393817104401501	005	111ALFP	24	2	P	N	N	U	7.9	3-31-76	5740	Yes
228	SC0050650 9DDA1	393733104394201	005	111ALFP	11	2	P	N	N	U	2.3	3-31-76	5810	Yes
229	SC0050661 8DCD1	393636104490201	005	111ALFP	64	18	G	N	N	U	28.6	6-9-77	5630	Yes
230	SC0050661 9AAD1	393621104484201	005	111ALFP	58	48	C	S	E	C	26.5	6-9-77	5635	Yes
231	SC0050661 9ABC1	393627104491101	005	111ALFP	88	16	G	T	E	I	16.1	6-15-77	5620	Yes
232	SC0050661 9ADD1	393608104483801	005	111ALFP	54	24	G	T	E	I	22.5	6-9-77	5630	Yes
233	SC0050661 9BBC1	393624104493701	005	111AYMT	75	7	G	N	N	U	44.3	8-4-77	5635	No
234	SC0050661 9BDA1	393614104491101	005	111ALFP	32	42	C	N	N	U	16.5	6-23-77	5623	Yes
235	SC0050662 0CCB1	393557104483101	005	111ALFP	48	18	S	T	E	I	28	4-22-77	5635	Yes
236	SC0050662 0CCD1	393543104482201	005	111ALFP	60	18	G	T	E	I	32.2	6-10-77	5643	Yes
237	SC0050663 0AAA1	393541104484201	005	111ALFP	83	24	G	T	E	P	30.6P	6-15-77	5642	Yes
238	SC0050663 0AAD1	393534104483901	005	111ALFP	98	24	G	T	E	P	—	—	5647.8	Yes
239	SC0050663 0ADA1	393728104483701	005	111ALFP	95	24	S	T	E	P	33.2	3-31-77	5655	Yes
240	SC0050663 0ADD1	393516104483901	005	111ALFP	79	24	G	T	E	P	30.9	6-8-77	5659	Yes

Table 1.-- Records of wells – Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
241	SC00506632ADB1	393435104474601	005	111ALFP	48	48	C	C	E	I	10.1	5-20-77	5675	Yes
242	SC00506633CCB1	393405104472401	005	111ALFP	45	18	G	T	E	I	—	—	5701.4	Yes
243	SC00506713AAD1	393714104494501	005	111ALFP	43	48	C	T	N	U	8.4	6-27-77	5580	Yes
244	SC00506713ABD1	393714104500601	005	111ALFP	45	48	C	N	N	U	8.3	8-5-77	5580	Yes
245	SC00506804CCA1	393830105004501	005	111ALFP	—	—	—	T	E	N	23.0	5-9-77	5305	No
246	SC00506808DCC1	393735105012801	005	111ALFP	50	24	S	T	E	U	9.1	4-15-77	5315	Yes
247	SC00506817CDA1	393646105013101	005	111ALFP	42	24	S	T	E	U	—	—	5316.7	Yes
248	SC00506817DBB1	393701105012501	005	111ALFP	38	24	S	N	N	U	8.1	5-2-77	5315	Yes
249	SC00506820CCA1	393554105015501	005	111ALFP	52	24	S	T	E	I	14.9	4-14-77	5344.0	Yes
250	SC00506831ABA1	393449105022701	005	111ALFP	55	24	S	T	E	U	17.2	5-2-77	5365	Yes
251	SC00507006CDD1	393821105161000	059	400PCMB	180	6	S	N	N	U	19.3	2-9-77	7310	Yes
252	SC00507114CBC1	393653105185100	059	400PCMB	240	—	—	S	E	H	—	—	7460	Yes
253	SC00507114CBD1	393652105184000	059	400PCMB	178	—	—	S	E	H	—	—	7490	Yes
254	SC00507124DDB1	393554105164900	059	400PCMB	360	6	S	—	—	H	—	—	7750	Yes
255	SC00507126BAD2	393535105182500	059	400PCMB	350	—	—	S	E	H	—	—	7920	Yes
256	SC00507126BBD1	393532105183700	059	400PCMB	152	7	S	S	E	H	—	—	7800	Yes
257	SC00507134AAA2	393443105185400	059	400PCMB	—	7	S	S	E	H	—	—	7800	Yes
258	SC00507134ABA1	393442105191200	059	400PCMB	—	7	S	S	E	H	—	—	7880	Yes
259	SC00507134ABB1	393444105192400	059	400PCMB	—	—	—	S	E	H	—	—	7960	Yes
260	SC00507134ACA2	393435105191200	059	400PCMB	180	7	S	S	E	H	—	—	7850	Yes

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
261	SC00507134CBB1	393419105195100	059	400PCMB	280	7	S	S	E	H	—	—	7860	Yes
262	SC00606604BCA1	393344104472201	035	111ALFP	60	24	G	T	E	I	11.0P	6-22-77	5720	Yes
263	SC00606604CCA1	393317104471501	035	111ALFP	59	24	G	T	E	I	—	—	5738.8	Yes
264	SC00606604CDB1	393317104471601	035	111ALFP	66	18	G	T	E	I	19.4	5-20-77	5735	Yes
265	SC00606609DDD1	393213104463501	035	111ALFP	81	24	G	T	E	I	24.5	6-10-77	5790	Yes
266	SC00606622BAC1	393107104460501	035	111ALFP	60	18	G	T	E	I	35.2P	6-22-77	5845	Yes
267	SC00606622BCA1	393107104461601	035	111ALFP	63	24	G	T	E	I	—	—	5836.8	Yes
268	SC00606623ACD1	393059104442901	035	111ALFP	30	48	C	T	G	I	11.3	6-29-77	5930	Yes
269	SC00606627CDD1	392935104455701	035	111ALFP	52	18	S	T	E	I	12.0	6-9-77	5865	Yes
270	SC00606630ADB1	393013104485601	035	111ALFP	36	24	S	T	G	I	19.4	6-27-77	5970	Yes
271	SC00606634CDC1	392843104460901	035	111ALFP	57	24	S	T	E	I	8.3	5-12-77	5900	Yes
272	SC00606834CCA1	392854104594401	035	111AYMT	61	4	S	P	E	H	—	—	5660	Yes
273	SC00606923DBB1	393049105045501	059	111ALFP	34	4	C	N	N	U	10.7	5-2-77	5445	Yes
274	SC00606923DBB3	393043105045501	059	111ALFP	38	6	S	N	N	U	—	—	5446.8	Yes
275	SC00606935AAD1	392925105042500	035	111ALFP	55	6	S	J	E	H	6.0	10-14-76	5550	Yes
276	SC00607007AAA1	393301105153100	059	400PCMB	70	6	S	N	N	U	11.6	2-4-76	8050	Yes
277	SC00607013CCC1	393121105110400	059	400PCMB	160	6	S	N	N	U	15.2	2-9-77	6720	Yes
278	SC00607016ADC1	393150105133300	059	400PCMB	440	6	S	—	—	H	—	—	8370	Yes
279	SC00607016ADC2	393144105134000	059	400PCMB	480	6	S	—	—	H	—	—	8400	Yes
280	SC00607016BBA1	393207105141700	059	400PCMB	153	7	S	S	E	H	—	—	7830	Yes

Table 1.-- Records of wells – Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
281	SC0060701 6DAB1	393143105133700	059	400PLMB	420	6	S	—	—	H	—	—	8400	Yes
282	SC0060710 2BBD1	393350105184300	059	400PLMB	140	6	S	N	N	U	31.5	2-9-77	7900	Yes
283	SC0060711 1DAC1	393232105180200	059	400PLMB	120	6	S	N	N	U	43.9	2-4-76	8360	Yes
284	SC0060712 5DAA1	392958105164600	059	400PLMB	220	6	S	N	N	U	21.4	2-9-77	7950	Yes
285	SC0070653 0DAC1	392440104420901	035	111ALFP	66	16	G	T	E	I	—	—	6283	Yes
286	SC0070660 2DBB1	392816104444601	035	111AVMT	65	16	G	T	E	I	20.9	7-1-77	6047	Yes
287	SC0070660 3CDD3	392751104455900	035	111ALFP	58	18	S	T	E	P	7.9	2-9-77	5925	Yes
288	SC0070661 0CAA1	392724104455600	035	111ALFP	60	18	S	T	E	P	24.9	2-9-77	5960	Yes
289	SC0070661 5DBB1	392628104454800	035	111AVMT	54	6	S	S	E	H	31.6	11-4-76	6010	Yes
290	SC0070662 2CCA1	392521104461701	035	111ALFP	69	18	G	T	E	I	—	—	6028.9	Yes
291	SC0070662 7CDA1	392429104455800	035	111ALFP	66	32	S	T	E	I	6.0	11-4-76	6055	Yes
292	SC0070663 4DDA1	392336104452200	035	111ALFP	20	5	P	S	E	H	6.3	11-1-76	6100	Yes
293	SC0070672 0BCB1	392548104551900	035	111AVMT	106	6	P	S	E	H	54.3	6-10-76	5945	Yes
294	SC0070672 0DAD1	392531104542000	035	111ALFP	60	4	S	J	E	H	—	—	5970	Yes
295	SC0070672 7BCD2	392453104525900	035	111AVMT	44	36	T	N	N	U	33.8	8-26-76	6025	Yes
296	SC0070673 4ADC1	392357104521801	035	111AVMT	51	6	S	P	H	H	24.3	9-23-76	6080	No
297	SC0070680 2BCB1	392828104584400	035	111ALFP	16	36	C	P	W	S	14.0	9-23-76	5765	Yes
298	SC0070680 3DBB1	392810104591700	035	124DWSN	75	4	G	J	E	C	43.2	8-19-76	5703	Yes
299	SC0070680 7BBB1	392747105031100	035	111AVMT	21	48	C	J	E	H	11.8	10-15-76	5745	Yes
300	SC0070681 0DBA1	392724104590700	035	111ALFP	18	48	C	C	G	I	4.6	8-13-76	5680	Yes

Table 1.-- Records of wells – Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
301	SC00706B13CDC1	392610104571600	035	111ALFP	60	420	R	T	E	P	30.3	8-24-76	5820	Yes
302	SC00706B13CDC2	392607104572001	035	111ALFP	46	276	R	T	E	P	—	—	5840	Yes
303	SC00706B14CBC1	392620104583800	035	111AVMT	9	36	C	N	N	U	5.3	9-1-76	5758	Yes
304	SC00706B14DCC1	392606104580400	035	111AVMT	67	6	P	S	E	I	18.2	7-23-76	5780	Yes
305	SC00706B22AAA1	392600104585100	035	111ALFP	20	18	C	J	E	H	16.0	9-3-76	5742	Yes
306	SC00706B22AAB1	392601104585700	035	111ALFP	18	10	G	J	E	H	8.5	9-3-76	5735	Yes
307	SC00706B23ADC1	392542104574900	035	111ALFP	55	4	S	S	E	H	22.9	7-23-76	5770	Yes
308	SC00706B27ACA1	392457104590800	035	111ALFP	16	96	B	P	E	S	8.1	8-12-76	5940	Yes
309	SC00706B28BCC1	392453105005800	035	111AVMT	41	48	B	P	W	H	31.9	9-15-76	6010	Yes
310	SC00706B32BAA1	392414105013600	035	111ALFP	25	48	R	C	E	H	11.3	8-5-76	6128	Yes
311	SC00706B36ACC1	392358104570300	035	111AVMT	100	4	S	P	E	H	50.2	8-19-76	5910	Yes
312	SC00706902DAB1	392814105043500	035	111ALFP	20	60	B	J	E	H	4.0	10-13-76	5660	Yes
313	SC00706911DDA1	392706105042400	035	111ALFP	19	60	B	N	N	U	13.5	10-13-76	5910	Yes
314	SC00706912DDD1	392657105032100	035	111ALFP	19	30	C	J	E	H	10.4	10-12-76	5870	Yes
315	SC00706924CDD1	392516105035400	035	111ALFP	60	6	S	J	E	H	17.0	10-13-76	6235	Yes
316	SC00707121DDA1	392511105200600	059	400PLMB	220	6	S	N	N	U	5.5	2-9-77	7250	Yes
317	SC00806602BAA1	392324104445500	035	124DWSN	81	6	S	S	E	H	48.7	11-1-76	6180	Yes
318	SC00806602CCC2	392239104451600	035	111ALFP	62	6	S	S	E	H	9.2	11-3-76	6120	Yes
319	SC00806602CCD1	392239104451300	035	111AVMT	16	48	C	P	H	H	7.8	11-3-76	6123	Yes
320	SC00806603DDB1	392245104453101	035	111ALFP	54	18	G	T	E	I	9.1P	6-8-77	6118	Yes

Table 1.-- Records of wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Depth of well (feet)	Casing diameter (inches)	Casing material	Pump type	Pump power	Use of water	Depth to water (feet)	Date of water-level measurement	Altitude of land surface (feet)	Chemical analysis in table 2
321	SC0080661 0ABA1	392235104454501	035	111AVMT	52	6	S	J	E	H	—	—	6145.4	Yes
322	SC0080671 1BAA1	392234104513800	035	111AVMT	46	6	P	S	E	P	18.6	6-24-76	6258	Yes
323	SC0080671 1BAC1	392230104513901	035	111AVMT	90	16	S	T	E	P	—	—	6185	Yes
324	SC0080680 1ACB1	392311104565600	035	111AVMT	44	48	R	J	E	I	35.5	7-30-76	5920	Yes
325	SC0080680 5ADB1	392312105010800	035	111ALFP	35	14	G	J	E	H	18.5	8-5-76	6370	Yes

Table 2.--*Chemical analyses of water from wells*

EXPLANATION OF DATA

COUNTY:

001 = Adams County
005 = Arapahoe County
013 = Boulder County
031 = Denver County
035 = Douglas County
059 = Jefferson County

AQUIFER:

Holocene and Pleistocene
111ALFP--Alluvium, flood plain
111AVMT--Alluvium, terrace
111DUNE--Dune sand
111VLFL--Valley-fill deposits
Eocene
124DWSN--Dawson Arkose
Paleocene
125DNVR--Denver Formation
Precambrian
400PCMB--Precambrian Erathem

UNITS:

micromhos = micromhos per centimeter at 25° Celsius
°C = degree Celsius
mg/L = milligram per liter
µg/L = microgram per liter

1 milligram per liter = 1,000 micrograms per liter

NOTE: Dissolved-solids concentrations in the table for wells 5, 20, 73, 115, 150, 152-160, 166, 263, and 302 are dissolved-solids residue at 180° Celsius; for wells 175-191 and 215-228 are dissolved-solids residue at 105° Celsius. Iron concentrations in the table for wells 155, 157, 200, 242, and 247 are total-iron concentrations.

Table 2.-- Chemical analyses of water from wells – Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
4	SC001065 26DBD1	395555104373401	001	111ALFP	77-04-14	60	—	1280	7.3	14.5	610	350	200	28
5	SC001066 01BAA1	395958104433101	001	111AVMT	57-09-10	70	—	1100	7.9	13.5	380	121	88	39
6	SC001066 06DBB1	395934104490201	001	111AVMT	60-09-21	42	—	1840	7.1	14.0	632	335	196	35
7	SC001066 07CCB1	395929104493301	001	111AVMT	77-04-25	30	—	1600	6.9	14.5	520	240	150	36
9	SC001066 12DCC1	395822104432401	001	111AVMT	77-06-03	57	—	1680	7.5	13.5	490	190	110	52
10	SC001066 18CDC1	395730104492001	001	111AVMT	62-04-05	40	—	1410	7.4	—	492	209	141	34
12	SC001066 29CAC1	395602104481201	001	111AVMT	62-04-05	45	—	1500	7.4	—	517	176	138	42
13	SC001066 32AAD1	395533104472401	001	111AVMT	62-04-05	16	—	1240	7.3	—	456	124	122	37
14	SC001067 13ACD1	395756104495601	001	111AVMT	62-04-05	35	—	1570	7.1	—	556	222	165	35
15	SC001067 13DBD1	395744104500301	001	111AVMT	77-06-14	38	—	1000	7.6	16.5	280	95	84	18
16	SC001067 23BCA1	395714104514501	001	111ALFP	77-04-29	17	12.1	1150	6.9	12.5	380	120	120	19
17	SC001067 34BAC1	395531104523701	001	111ALFP	77-05-10	31	—	1070	7.1	13.0	330	92	99	20
19	SC001067 35DDB1	395502104510101	001	111AVMT	77-04-25	40	—	1100	7.1	14.5	350	67	94	27
20	SC001068 10CBB2	395841104594601	001	111DUNE	59-02-11	48	—	2660	7.9	12.0	696	282	147	80
21	SC001068 36BCC1	395518104572901	001	111DUNE	77-03-09	36	—	7190	7.4	10.0	1600	1300	330	180
25	SC001069 11BCC1	395852105051801	013	111ALFP	58-01-09	14	—	1600	7.6	15.0	468	0	74	69
36	SC001070 22BAB1	395723105130100	013	111VLFL	76-09-14	—	8.5	800	—	19.0	390	140	110	28
40	SC001070 24ADB1	395710105100300	013	111AVMT	75-09-05	—	—	590	—	21.0	260	13	67	22
58	SC002066 03BBB1	395451104461301	001	111AVMT	76-11-02	60	21.8	1100	7.6	12.0	360	150	100	26
59	SC002066 19CCD1	395124104493001	001	111AVMT	56-03-09	15	—	2870	7.7	—	842	660	200	83

Table 2. -- Chemical analyses of water from wells — Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
4	65	1.1	6.8	320	0	260	370	54	0.5	26	940	—	7.1	0.02	0	60	80	10	21
5	92	2.1	4.1	316	0	259	162	95	1.9	22	690	24	—	—	—	260	0	—	—
6	168	2.9	—	362	0	297	425	155	1.3	22	1240	59	—	—	—	—	0	0	—
7	140	2.7	5.2	340	0	280	280	120	.8	22	1020	—	21	.13	1	240	50	0	3
9	180	3.5	3.4	370	0	303	360	140	1.3	15	1080	—	6.9	.03	0	260	90	0	2
10	117	2.3	3.4	346	0	284	295	106	—	23	917	28	—	—	—	—	1300	—	—
12	136	2.3	3.4	416	0	341	300	119	—	22	967	2	—	—	—	—	370	—	—
13	100	2.0	4.2	405	0	332	187	85	—	20	789	35	—	—	—	—	160	—	—
14	134	2.5	4.8	407	0	334	325	116	—	23	1030	22	—	—	—	—	150	—	—
15	100	2.6	4.7	230	0	189	160	83	1.1	19	615	—	7.1	.05	0	530	60	0	1
16	120	2.7	3.8	310	0	250	260	66	1.2	20	774	—	2.4	.05	0	360	170	10	3
17	100	2.4	4.2	290	0	238	220	57	1.1	16	689	—	6.2	.04	0	250	240	600	1
19	93	2.2	4.0	340	0	280	150	66	1.2	30	668	—	7.9	.06	0	220	20	10	2
20	382	6.3	4.0	506	0	415	980	40	4.2	—	1920	38	—	—	—	—	—	—	—
21	900	9.9	6.2	356	0	292	400	1900	2.0	8.7	3910	—	1.5	.07	0	460	760	230	8
25	220	4.4	1.2	722	0	592	299	25	2.0	—	1050	9.4	—	—	—	—	—	—	—
36	24	.5	.9	301	—	247	180	5.0	1.2	11	509	—	.04	.01	1	70	30	30	0
40	33	.9	2.5	299	—	245	75	8.6	.6	13	371	—	.15	.00	0	—	110	0	0
58	180	4.1	2.0	254	0	208	330	62	1.5	17	955	—	25	.01	0	170	20	10	40
59	365	5.5	5.7	222	0	182	1270	119	1.6	14	2170	.8	—	—	—	420	—	—	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
60	SC00206630CCB1	395042104493701	001	111AVMT	55-10-03	12	—	1380	8.8	—	104	0	8	20
61	SC00206631BBA1	395025104493001	001	111ALFP	55-10-03	29	—	1720	7.6	—	465	0	115	43
62	SC00206631DAC1	394945104485101	001	111ALFP	55-10-03	—	—	845	7.8	—	258	5	58	28
63	SC00206632DCD1	394940104474401	001	111AVMT	55-10-03	49	—	916	7.8	—	326	49	60	43
65	SC00206703BDB1	395433104523901	001	111ALFP	77-06-03	31	—	1170	7.0	13.5	390	130	110	27
66	SC00206703CBA1	395424104525101	001	111ALFP	55-10-08	12	—	1340	7.4	16.0	464	197	134	31
67	SC00206703CCC2	395340104530101	001	111ALFP	55-10-08	11	—	1370	7.2	16.5	474	231	136	33
68	SC00206708BCC1	395339104550901	001	111ALFP	55-10-08	33	—	782	7.4	—	324	5	114	9.6
70	SC00206709ADD1	395338104524101	001	111ALFP	55-09-15	13	—	2120	7.4	14.0	786	538	213	62
71	SC00206709CDC1	395312104534601	001	111ALFP	55-10-08	12	—	950	7.4	—	223	20	61	17
72	SC00206709DAA1	395327104524201	001	111AVMT	55-09-15	23	—	2550	7.3	13.0	984	736	269	76
73	SC00206709DAD1	395325104524201	001	111AVMT	55-09-15	45	—	2310	7.4	12.0	850	598	242	60
74	SC00206709DAD2	395322104524201	001	111AVMT	55-11-15	50	—	2250	7.4	12.0	836	579	228	65
75	SC00206709DDB1	395318104531201	001	111AVMT	55-09-15	46	—	1720	7.3	12.0	664	393	188	47
76	SC00206710AAC1	395351104521001	001	111AVMT	55-09-15	42	—	1450	7.5	—	538	226	147	42
77	SC00206710ABD1	395352104521401	001	111AVMT	55-09-15	44	—	1450	7.5	16.5	538	226	147	42
78	SC00206710ADD1	395334104515501	001	111AVMT	55-09-15	49	—	1250	7.4	12.0	448	137	121	36
79	SC00206710BDB1	395341104524201	001	111AVMT	55-09-20	33	—	1820	7.3	13.0	666	381	181	52
80	SC00206710CCC1	395313104525501	001	111AVMT	55-09-20	59	—	2470	7.6	—	932	666	250	75
80	SC00206710CCC1	395313104525501	001	111AVMT	57-09-11	59	—	4240	7.8	—	1660	1410	475	116

Table 2.--Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
60	251	11	7.1	273	—	224	228	150	0.6	0.0	799	0.1	—	—	—	310	—	—	—
61	179	3.6	7.0	576	0	472	345	89	1.2	24	1080	.3	—	—	—	—	—	—	—
62	82	2.2	4.5	309	0	253	91	43	1.4	25	522	35	—	—	—	220	—	—	—
63	72	1.7	5.5	338	0	277	116	50	1.0	28	564	21	—	—	—	200	—	—	—
65	100	2.2	5.1	310	0	254	190	86	1.3	19	733	—	9.3	0.21	1	260	80	0	3
66	111	2.2	6.0	325	0	267	246	106	1.6	24	866	46	—	—	—	250	—	—	—
67	108	2.2	.1	296	0	243	220	144	1.2	26	845	30	—	—	—	220	—	—	—
68	53	1.3	.8	389	0	319	101	10	1.6	17	500	1.1	—	—	—	120	—	—	—
70	141	2.2	3.2	302	0	248	305	356	1.8	25	1280	27	—	—	—	320	—	—	—
71	110	3.2	6.7	248	0	203	107	87	1.0	19	558	25	—	—	—	190	—	—	—
72	158	2.2	3.3	302	0	248	338	506	1.6	24	1550	25	—	—	—	280	—	—	—
73	177	2.6	3.0	307	0	252	468	326	1.2	—	1570	24	—	—	—	—	—	—	—
74	158	2.4	3.9	313	0	257	373	371	1.6	23	1400	21	—	—	—	330	—	—	—
75	110	1.9	2.4	331	0	271	283	236	1.4	24	1070	20	—	—	—	290	—	—	—
76	114	2.1	2.7	380	0	312	303	112	1.2	22	949	18	—	—	—	250	—	—	—
77	114	2.1	2.7	380	0	312	303	112	1.2	22	931	18	—	—	—	250	—	—	—
78	100	2.1	3.0	379	0	311	183	105	1.0	24	779	20	—	—	—	250	—	—	—
79	134	2.3	2.8	348	0	285	305	238	1.6	25	1130	14	—	—	—	310	—	—	—
80	152	2.2	3.4	324	0	266	228	465	1.6	29	1440	16	—	—	—	290	—	—	—
80	254	2.7	5.0	310	0	254	345	1100	1.2	29	2510	30	—	—	—	280	20	—	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
81	SC00206710CCD1	395308104524701	001	111AVMT	56-05-16	34	—	4540	7.3	—	1760	1510	496	126
82	SC00206710CDD1	395308104523101	001	111AVMT	55-11-25	40	—	1600	7.3	13.5	600	279	170	43
83	SC00206710DCC1	395308104522001	001	111AVMT	54-11-17	40	—	1490	7.3	12.0	484	134	136	35
84	SC00206710DDB2	395318104520401	001	111AVMT	55-09-12	55	—	1360	7.6	12.0	486	153	133	37
85	SC00206711DBD2	395320104510601	001	111AVMT	55-09-12	50	—	1380	7.6	13.0	472	95	128	37
86	SC00206713CAD1	395234104501501	001	111AVMT	55-09-15	41	—	3030	7.8	—	612	0	122	75
87	SC00206714AAA1	395305104504901	001	111AVMT	55-10-05	26	—	2520	7.7	14.0	382	193	114	24
88	SC00206714BBA1	395304104514301	001	111AVMT	55-09-09	51	—	2380	7.6	11.5	770	437	208	61
89	SC00206714BBB2	395306104514701	001	111AVMT	55-09-09	59	—	1980	7.5	11.5	696	320	183	58
90	SC00206715ADB1	395247104522001	001	111AVMT	55-09-17	47	—	1590	7.5	14.0	586	229	161	40
91	SC00206715BAD1	395258104522801	001	111AVMT	55-09-12	50	—	3130	7.2	13.5	1150	872	327	81
92	SC00206715BDA1	395254104522901	001	111AVMT	55-09-12	50	—	3050	7.3	12.0	1140	873	320	82
92	SC00206715BDA1	395254104522901	001	111AVMT	57-09-11	50	—	2600	7.8	12.0	1020	710	290	72
93	SC00206715BDB1	395251104524201	001	111AVMT	55-09-17	48	—	1580	7.4	14.5	498	139	142	35
94	SC00206715BDC1	395242104524201	001	111AVMT	56-05-09	35	—	5130	7.1	12.0	1800	1630	536	131
94	SC00206715BDC1	395242104524201	001	111AVMT	57-09-11	35	—	4890	7.3	11.5	1720	1420	505	112
95	SC00206715CBC1	395229104525401	001	111AVMT	55-09-17	30	—	2810	7.3	—	1020	789	313	59
96	SC00206715CCD1	395216104524701	001	111AVMT	55-09-17	39	—	2830	7.4	12.0	1010	766	285	72
97	SC00206715CDC1	395216104524301	001	111AVMT	55-09-17	40	—	2740	7.5	13.0	824	593	230	61
98	SC00206715DCB1	395223104522701	001	111AVMT	55-09-17	40	—	1140	7.4	13.0	388	71	118	23

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
81	260	2.7	6.4	304	0	249	362	1200	—	—	>2400	18	—	—	—	—	—	—	—
82	121	2.1	2.4	392	0	322	256	172	1.4	24	1010	24	—	—	—	—	—	—	—
83	161	3.2	3.4	426	0	349	296	106	1.6	—	1000	14	—	—	—	—	—	—	—
84	107	2.1	3.2	406	0	333	195	124	1.2	27	846	18	—	—	—	240	—	—	—
85	116	2.3	5.4	460	0	377	134	130	1.2	23	833	32	—	—	—	260	—	—	—
86	498	8.8	40	1710	0	1400	15	194	1.4	35	1820	.50	—	—	—	670	—	—	—
87	428	9.5	5.0	230	0	189	840	184	5.2	15	1740	11	—	—	—	480	—	—	—
88	244	3.8	3.7	406	0	333	525	290	.8	26	1570	12	—	—	—	440	—	—	—
89	195	3.2	3.1	458	0	376	530	130	1.2	28	1370	13	—	—	—	360	—	—	—
90	144	2.6	3.0	414	0	340	340	114	1.2	22	1060	32	—	—	—	240	—	—	—
91	211	2.7	4.2	339	0	278	365	670	1.2	22	1880	26	—	—	—	330	—	—	—
92	210	2.7	4.1	326	0	267	405	640	.8	22	1880	30	—	—	—	330	—	—	—
92	180	2.5	3.2	378	0	310	408	450	1.0	27	1650	32	—	—	—	340	10	—	—
93	160	3.1	2.7	438	0	359	290	137	1.6	23	1030	17	—	—	—	350	—	—	—
94	360	3.6	5.2	296	0	243	399	1400	—	—	>3000	26	—	—	—	—	—	—	—
94	381	4.0	9.0	370	0	—	339	1300	1.1	28	2870	16	—	—	—	260	170	—	—
95	161	2.2	4.9	282	0	231	193	660	.8	23	1570	18	—	—	—	190	—	—	—
96	183	2.5	5.1	297	0	244	228	656	.8	22	1630	31	—	—	—	240	—	—	—
97	233	3.5	4.7	282	0	231	183	640	.8	21	1520	9.9	—	—	—	200	—	—	—
98	96	2.1	3.3	386	0	317	148	82	1.2	20	699	18	—	—	—	240	—	—	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
99	SC00206716ACB1	395247104532801	001	111AVMT	55-09-21	40	—	1240	7.4	12.0	486	250	140	33
100	SC00206716BDD1	395246104534201	001	111AVMT	55-09-21	43	—	1300	7.5	13.5	512	279	143	38
101	SC00206716BDD2	395242104534201	001	111AVMT	55-09-21	43	—	1170	7.4	13.0	444	214	131	28
102	SC00206716CCD2	395216104540001	001	111AVMT	55-09-17	44	—	1600	7.8	12.0	448	186	132	29
102	SC00206716CCD2	395216104540001	001	111AVMT	57-09-11	44	—	1250	7.7	11.5	472	236	143	28
103	SC00206716DDD1	395216104530301	001	111AVMT	55-09-17	39	—	1910	7.7	13.0	708	469	203	49
105	SC00206720CBD1	395136104550201	001	111AVMT	55-11-21	14	—	1370	7.4	13.0	540	303	174	26
107	SC00206721ADD1	395153104530501	001	111AVMT	55-09-17	53	—	1100	7.7	13.0	396	189	109	30
107	SC00206721ADD1	395153104530501	001	111AVMT	57-09-11	53	—	1140	7.8	13.5	404	204	120	25
108	SC00206721BDD1	395150104533901	001	111AVMT	55-09-17	97	—	964	7.9	13.0	376	173	117	20
109	SC00206722BCB1	395201104530101	001	111AVMT	55-09-17	47	—	1840	7.5	13.0	686	472	196	48
110	SC00206722BCC2	395151104525901	001	111AVMT	55-09-20	46	—	3440	7.6	13.0	1360	1200	378	100
111	SC00206722BCC3	395149104530001	001	111AVMT	55-09-20	48	—	2360	7.7	12.0	892	712	255	62
112	SC00206722CAA1	395143104523001	001	111AVMT	55-09-20	51	—	12800	7.2	12.0	3910	3760	982	355
113	SC00206724ACC1	395150104501101	001	111ALFP	55-10-02	22	—	2040	7.4	—	710	462	185	60
114	SC00206724BDD1	395150104502001	001	111AVMT	55-10-02	33	—	1510	7.4	—	453	218	119	38
115	SC00206727BBA1	395118104524101	001	111AVMT	54-11-09	45	—	875	7.0	—	271	179	79	18
116	SC00206727DDD1	395035104515601	001	111AVMT	55-10-01	58	—	576	8.7	—	32	0	8.5	2.7
117	SC00206728AAA1	395121104540601	001	111AVMT	55-09-20	51	—	1130	8.0	—	378	183	113	23
118	SC00206728ACD1	395058104532801	001	111AVMT	55-10-04	53	—	824	7.4	—	293	94	89	17

Table 2. -- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
99	73	1.4	3.2	288	0	236	198	140	1.0	24	765	11	—	—	—	160	—	—	—
100	75	1.4	3.1	284	0	233	236	136	1.0	24	810	14	—	—	—	160	—	—	—
101	73	1.5	3.4	280	0	230	200	114	.8	22	726	16	—	—	—	110	—	—	—
102	71	1.5	3.1	320	0	262	188	94	.6	23	816	18	—	—	—	80	—	—	—
102	79	1.6	3.4	288	0	236	162	160	.7	25	743	17	—	—	—	130	0	—	—
103	105	1.7	4.0	292	0	239	140	380	.8	25	1070	15	—	—	—	200	—	—	—
105	89	1.7	5.3	289	0	237	338	89	.8	24	921	33	—	—	—	110	—	—	—
107	63	1.4	3.2	252	0	207	74	175	.6	22	605	4.3	—	—	—	100	—	—	—
107	72	1.6	3.4	244	0	200	65	208	1.1	25	640	1.8	—	—	—	120	0	—	—
108	58	1.3	3.5	248	0	203	215	52	.6	22	626	16	—	—	—	60	—	—	—
109	96	1.6	4.2	261	0	214	125	400	.6	22	1030	9.5	—	—	—	130	—	—	—
110	138	1.6	5.1	200	0	164	135	944	.4	22	1830	13	—	—	—	120	—	—	—
111	107	1.6	4.4	220	0	180	100	586	.6	21	1250	9.4	—	—	—	100	—	—	—
112	1300	6.6	11	182	0	149	579	4250	.8	21	7600	10	—	—	—	250	—	—	—
113	198	3.2	2.6	302	0	248	650	148	.8	26	1430	8.4	—	—	—	330	—	—	—
114	160	3.3	2.6	287	0	235	430	63	1.4	26	993	11	—	—	—	590	—	—	—
115	58	1.5	4.7	112	0	92	340	195	.6	—	520	1.3	—	—	—	10	—	—	—
116	78	19	16	154	—	126	60	73	1.4	1.7	333	16	—	—	—	80	—	—	—
117	73	1.6	3.9	238	0	195	74	191	.4	27	623	1.1	—	—	—	80	—	—	—
118	50	1.3	9.4	243	0	199	131	36	.6	18	481	10	—	—	—	50	—	—	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
119	SC00206728DBB1	395051104533301	001	111AVMT	55-09-20	30	—	771	8.0	13.5	282	59	91	13
120	SC00206732AAA1	395026104541701	001	111AVMT	54-11-17	64	—	1300	7.7	—	557	352	187	22
121	SC00206732ADA1	395011104541001	001	111AVMT	77-04-21	116	55.5	1320	7.8	15.0	510	290	170	20
122	SC00206733BCB1	395011104540801	001	111AVMT	55-10-04	48	—	641	6.8	—	156	121	57	3.4
123	SC00206825ADD2	395058104562401	001	111ALFP	58-01-10	30	—	1370	7.0	12.0	432	177	142	19
123	SC00206825ADD2	395058104562401	001	111ALFP	77-04-22	30	7.5	1850	6.8	12.5	520	180	170	22
125	SC00206836BDA2	395016104565801	001	111ALFP	60-09-23	25	—	1550	7.1	14.5	381	115	140	7.7
126	SC00206914BAC1	395259105050601	059	111AVMT	76-10-02	16	10.8	1020	7.3	17.0	330	0	68	39
127	SC00206915CBB1	395241105063001	059	111AVMT	77-03-22	31	18.5	565	7.9	9.0	220	0	37	32
128	SC00206932BCC1	395006105084601	059	111ALFP	76-10-09	30	3.0	1250	—	16.0	540	130	130	53
130	SC00207024DBA1	395145105101401	059	111ALFP	77-02-19	18	5.9	681	7.6	7.0	260	1	74	19
132	SC00306511ADC1	394819104373201	001	111AVMT	75-09-23	71	—	—	7.1	—	470	—	152	22
133	SC00306514DBA1	394725104373401	001	111AVMT	77-04-19	55	25.5	1050	7.4	11.0	440	170	140	21
134	SC00306604BCC2	394917104472301	001	111AVMT	55-01-01	43	—	921	7.5	14.0	330	54	83	30
135	SC00306605CCC1	394848104483101	001	111ALFP	56-08-30	19	—	2770	7.5	—	685	0	163	68
136	SC00306606CCB1	394851104493701	001	111ALFP	55-10-04	46	—	1060	6.9	—	206	133	22	37
137	SC00306608DAA1	394818104472701	001	111ALFP	55-10-04	15	—	956	7.2	—	351	53	100	25
138	SC00306609BBC1	394834104472401	001	111AVMT	55-10-07	32	—	1150	7.7	13.0	410	148	120	27
139	SC00306617BDC1	394729104481001	001	111AVMT	55-10-05	70	—	486	7.8	—	165	14	51	9.2
140	SC00306633DCC1	394426104464701	001	111ALFP	77-05-10	33	16.9	1050	6.8	13.5	380	120	130	14

Table 2.-- Chemical analyses of water from wells – Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
119	53	1.4	3.3	272	0	223	112	36	0.6	24	488	17	—	—	—	70	—	—	—
120	79	1.5	6.6	250	0	205	383	70	.5	—	7895	25	—	—	—	—	—	—	—
121	88	1.7	5.0	260	0	210	360	78	.6	20	888	—	4.1	0.02	0	90	50	0	3
122	60	2.1	4.2	43	0	35	170	64	.1	1.4	381	.30	—	—	—	10	—	—	—
123	156	3.3	2.4	312	0	256	427	28	.8	1.7	967	22	—	—	—	—	10	0	—
123	230	4.4	2.9	410	0	340	570	52	.8	17	1290	—	4.3	0.05	0	190	60	10	12
125	186	4.2	—	324	0	266	471	33	.5	19	1050	37	—	—	—	—	0	0	—
126	110	2.6	.8	495	0	406	130	22	2.9	19	654	—	4.0	.02	1	290	170	10	8
127	38	1.1	1.1	290	0	238	51	6.4	3.7	14	326	—	.04	.01	0	100	120	10	3
128	32	2.2	2.6	502	—	412	300	28	.2	16	915	—	4.0	.02	0	310	80	30	1
130	50	1.3	5.8	320	0	262	85	21	.5	13	429	—	.55	.09	0	30	140	120	5
132	48	—	—	—	0	—	210	38	—	—	608	42	—	—	—	—	—	—	—
133	73	1.5	7.3	330	0	270	250	31	.6	32	757	—	8.7	.11	1	80	10	10	3
134	68	1.6	4.4	336	0	276	102	52	1.2	27	571	38	—	—	—	170	—	—	—
135	262	4.4	46	1460	0	1200	111	141	1.4	36	1540	.40	—	—	—	160	—	—	—
136	124	3.8	5.8	89	0	73	60	228	.1	1.0	533	11	—	—	—	80	—	—	—
137	75	1.7	6.0	364	0	299	146	39	.1	31	617	16	—	—	—	50	—	—	—
138	88	1.9	3.0	320	0	262	221	71	1.0	31	743	24	—	—	—	120	—	—	—
139	36	1.2	3.0	184	0	151	48	26	1.0	24	297	8.3	—	—	—	60	—	—	—
140	81	1.8	4.8	320	0	262	150	85	.7	28	975	—	3.5	.29	1	160	40	0	0

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
141	SC00306633DDC1	394427104462801	001	111ALFP	60-09-13	36	—	833	7.5	13.0	366	129	127	12
143	SC00306707AADI	394836104551901	001	111AVMT	77-04-22	37	17.7	1630	7.4	15.0	540	0	160	34
144	SC00306707ACAI	394933104553701	001	111AVMT	60-09-21	22	—	1760	7.4	15.5	568	202	175	32
145	SC00306707DBAI	394818104553701	001	111AVMT	57-09-11	32	—	1240	7.8	—	374	35	115	21
146	SC00306713BBBI	394754104504601	001	111AVMT	55-10-07	75	—	618	7.7	—	228	56	74	11
147	SC00306714ACAI	394739104510701	001	111AVMT	55-10-06	51	—	842	7.8	13.0	323	84	110	12
149	SC00306811ADDI	394826104573401	001	111ALFP	77-04-13	30	9.0	1620	7.2	8.5	440	150	130	27
150	SC00306812CBAI	394816104572201	001	111ALFP	58-01-06	32	—	—	7.6	—	416	64	118	30
151	SC00306812CBB3	394815104572801	001	111ALFP	60-01-15	32	—	—	7.6	—	506	0	151	32
152	SC00306812CCAI	394804104571701	001	111ALFP	58-06-30	32	—	—	7.5	—	438	151	130	28
153	SC00306812CDBI	394804104571201	001	111ALFP	58-06-30	19	—	—	7.2	—	534	184	173	25
154	SC00306812CDCI	394758104571001	001	111ALFP	58-06-30	21	—	—	7.3	—	650	298	203	35
155	SC00306812DAAI	394815104563201	001	111AVMT	—	40	—	1620	7.4	—	370	0	117	18
156	SC00306812DADI	394807104562801	001	111AVMT	56-02-08	48	—	—	7.9	—	318	0	99	17
157	SC00306812DCDI	394757104564801	001	111AVMT	59-06-02	46	—	1200	7.5	—	466	59	146	24
158	SC00306814ABCI	394745104580201	001	111ALFP	59-06-26	18	—	—	7.1	—	528	44	154	35
159	SC00306814BAAI	394748104581201	001	111ALFP	59-06-29	18	—	—	6.9	—	452	135	134	28
160	SC00306814BADI	394745104581001	001	111ALFP	59-06-29	17	—	—	7.3	—	464	0	136	30
161	SC00306823BDBI	394644104581501	001	111AVMT	57-09-21	64	—	2010	7.4	15.0	760	396	232	44
161	SC00306823BDBI	394644104581501	031	111AVMT	77-04-20	64	11.2	1670	7.3	13.0	580	180	170	37

Table 2.--Chemical analyses of water from wells-Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
141	43	1.0	2.1	289	0	237	155	37	0.4	24	564	14	—	—	—	50	10	0	—
143	160	3.0	11	770	0	630	150	92	.8	22	1020	—	0.18	0.04	2	470	470	6100	1
144	177	3.2	—	446	0	366	378	140	.9	22	1160	10	—	—	—	—	0	1200	—
145	135	3.0	7.6	414	0	340	187	92	.6	23	786	8.2	—	—	—	280	270	—	—
146	36	1.0	4.7	210	0	172	96	28	.1	12	377	11	—	—	—	10	—	—	—
147	50	1.2	3.8	292	0	239	116	43	.4	26	533	28	—	—	—	30	—	1200	—
149	170	3.5	14	350	0	290	250	190	2.4	11	975	—	1.6	.00	0	630	220	400	1
150	151	3.2	—	429	0	—	98	194	—	—	728	—	—	—	—	—	300	—	—
151	562	11	—	820	0	—	260	358	1.2	18	1630	5.6	—	—	—	—	700	—	—
152	149	3.1	—	329	0	—	350	92	—	—	764	—	—	—	—	—	—	—	—
153	223	4.2	—	427	0	—	530	85	—	—	1020	—	—	—	—	—	—	—	—
154	196	3.3	—	429	0	—	530	125	—	—	1080	—	—	—	—	—	1200	—	—
155	—	—	—	508	0	—	212	136	—	24	1220	—	—	—	—	—	150	—	—
156	187	4.5	—	402	0	—	220	117	—	20	1060	—	—	—	—	—	130	—	—
157	—	—	—	496	0	—	184	65	—	27	930	—	—	—	—	—	4800	—	—
158	229	4.3	—	590	0	—	155	270	—	—	1030	—	—	—	—	—	200	—	—
159	80	1.6	—	386	0	—	70	168	—	—	626	—	—	—	—	—	12700	—	—
160	210	4.2	—	580	0	—	212	161	—	—	923	—	—	—	—	—	7500	—	—
161	180	2.8	7.6	445	0	365	601	96	.4	29	1450	45	—	—	—	560	0	0	—
161	170	3.1	7.1	490	0	400	390	67	1.1	24	1160	—	12	.09	0	460	40	10	4

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
162	SC00306904ABD1	394931105065601	059	111AVMT	77-01-05	12	4.9	768	7.9	8.0	340	39	90	28
163	SC00306915DCA1	394713105054301	059	111ALFP	76-10-09	10	5.2	806	7.0	17.0	260	20	71	19
164	SC00306919BDD1	394640105092401	059	111AVMT	77-01-13	28	8.1	800	7.6	10.0	360	110	110	21
165	SC00306923CBD1	394624105050901	059	111AVMT	57-09-30	17	—	883	7.6	14.0	232	0	70	14
166	SC00306924CBB1	394630105041601	059	111AVMT	57-09-30	22	—	1100	7.7	14.0	314	0	91	21
167	SC00306926ACC1	394548105044501	059	111AVMT	56-04-23	40	—	1170	7.5	12.0	229	0	72	12
168	SC00306930ABC1	394600105092001	059	111ALFP	56-04-23	18	—	721	7.6	—	173	0	33	22
169	SC00306932CDB1	394438105081701	059	111AVMT	56-04-23	40	—	1100	7.5	—	238	0	74	13
170	SC00307011AAB1	394844105111601	059	111ALFP	77-01-11	35	24.6	1160	7.6	12.0	440	170	110	10
171	SC00307013BDA2	394734105102901	059	111AVMT	58-05-13	33	—	932	7.6	9.5	398	124	106	32
172	SC00307025CAB1	394612105103801	059	111VLFL	77-01-12	40	—	713	7.9	14.0	110	0	29	9.1
173	SC00307027BDD1	394543105124601	059	111ALFP	58-08-08	12	—	380	6.6	16.0	163	70	44	13
174	SC00307027CAA1	394529105130001	059	111ALFP	58-08-08	12	—	876	7.0	15.0	309	48	86	23
175	SC00406528BBC1	394044104403801	005	111AVMT	74-11-27	21	—	2000	7.0	9.0	818	540	195	—
175	SC00406528BBC1	394044104403801	005	111AVMT	75-08-14	21	—	2400	7.2	14.5	854	610	120	—
176	SC00406528BDD1	394031104401201	005	111ALFP	74-11-27	20	—	1350	7.0	12.5	470	170	115	—
176	SC00406528BDD1	394031104401201	005	111ALFP	75-02-11	20	—	1100	7.2	10.5	414	230	130	—
176	SC00406528BDD1	394031104401201	005	111ALFP	75-08-15	20	—	1400	7.6	13.5	483	270	99	—
176	SC00406528BDD1	394031104401201	005	111ALFP	75-12-08	20	—	1550	8.3	11.0	572	340	200	—
176	SC00406528BDD1	394031104401201	005	111ALFP	76-04-05	20	—	1300	7.5	11.5	607	360	137	—

Table 2. -- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
162	45	1.1	0.7	367	0	301	120	16	1.9	12	497	—	0.30	0.05	0	130	30	380	0
163	63	1.7	13	287	0	235	120	24	.8	8.8	469	—	.41	.02	0	120	5600	80	0
164	33	.8	2.4	308	0	253	150	22	.4	16	526	—	4.2	.03	0	100	150	40	1
165	116	3.3	1.6	346	0	284	119	30	2.0	—	>550	28	—	—	—	—	0	—	—
166	138	3.4	1.6	394	0	323	178	32	2.4	—	>715	55	—	—	—	—	—	—	—
167	179	5.1	2.0	564	0	463	124	14	1.8	21	720	17	—	—	—	—	100	0	—
168	100	3.3	3.0	275	0	226	146	6.0	1.7	24	477	5.9	—	—	—	—	80	0	—
169	161	4.5	.8	397	0	—	208	21	.8	25	704	5.4	—	—	—	—	20	0	—
170	66	1.4	1.0	337	0	276	120	44	.7	23	749	—	40	.03	0	150	90	10	7
171	45	1.0	7.8	332	0	272	120	30	1.2	—	571	66	—	—	—	—	—	—	—
172	120	5.0	1.0	319	0	262	91	11	.9	24	451	—	1.7	.05	1	80	50	10	1
173	15	.5	3.0	114	0	94	84	7.0	.5	15	242	4.7	—	—	—	—	250	100	—
174	77	1.9	3.0	318	0	261	163	22	.5	—	544	13	—	—	—	—	—	—	—
175	145	—	11	336	0	276	—	76	—	—	1530	4.2	—	.07	—	—	10	—	—
175	145	—	18	296	0	243	820	98	—	—	1610	5.3	—	.04	—	—	30	40	—
176	90	—	10	372	0	305	—	40	—	—	929	.08	—	7.1	—	—	40	1400	—
176	88	—	7.4	223	0	183	—	34	—	—	773	.32	—	3.2	—	—	60	400	—
176	70	—	6.0	263	0	216	375	45	—	—	910	.30	—	.04	—	—	20	250	—
176	83	—	8.5	287	—	235	420	52	—	—	955	.04	—	.05	—	—	30	280	—
176	78	1.6	10	304	0	249	419	53	—	—	1000	.04	—	—	—	—	50	200	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
177	SC0040652 8DCA1	394016104395401	005	111ALFP	74-11-27	20	—	1700	6.9	13.5	686	330	90	—
177	SC0040652 8DCA1	394016104395401	005	111ALFP	75-02-12	20	—	1900	6.9	14.0	749	420	217	—
177	SC0040652 8DCA1	394016104395401	005	111ALFP	75-05-01	20	—	1950	6.8	10.0	—	—	164	—
177	SC0040652 8DCA1	394016104395401	005	111ALFP	75-08-15	20	—	1950	7.7	12.5	659	340	120	—
177	SC0040652 8DCA1	394016104395401	005	111ALFP	75-12-08	20	—	1950	8.1	13.0	694	350	205	—
178	SC0040652 9AAA1	394053104404301	005	111AVMT	75-08-15	33	—	1800	7.5	16.0	649	400	130	—
179	SC0040653 0BDD1	394030104422701	005	111ALFP	74-11-26	23	—	600	7.4	11.5	238	30	55	—
179	SC0040653 0BDD1	394030104422701	005	111ALFP	75-02-13	23	—	675	7.2	12.0	266	54	91	—
179	SC0040653 0BDD1	394030104422701	005	111ALFP	75-08-18	23	—	710	7.3	15.5	261	51	103	—
179	SC0040653 0BDD1	394030104422701	005	111ALFP	75-12-09	23	—	710	7.6	12.5	272	0	88	—
179	SC0040653 0BDD1	394030104422701	005	111ALFP	76-04-05	23	10.3	650	7.5	13.0	262	60	79	9.5
180	SC0040653 0DCD1	394004104421401	005	111ALFP	74-11-26	18	—	660	7.5	12.0	266	31	58	—
180	SC0040653 0DCD1	394004104421401	005	111ALFP	75-02-13	18	—	650	7.5	10.5	246	100	90	—
180	SC0040653 0DCD1	394004104421401	005	111ALFP	75-08-18	18	—	710	7.6	14.5	261	100	45	—
180	SC0040653 0DCD1	394004104421401	005	111ALFP	75-12-09	18	—	700	7.8	13.5	258	81	82	—
180	SC0040653 0DCD1	394004104421401	005	111ALFP	76-04-05	18	8.7	580	7.8	11.0	267	110	82	—
181	SC0040653 0DDD1	394009104415201	005	111ALFP	74-11-26	16	—	800	7.0	9.5	—	—	73	—
182	SC0040653 1DBB1	393937104422001	005	111ALFP	74-11-26	23	—	650	7.3	10.5	231	92	60	—
182	SC0040653 1DBB1	393937104422001	005	111ALFP	75-02-12	23	—	700	7.5	10.5	24	0	83	—
182	SC0040653 1DBB1	393937104422001	005	111ALFP	75-08-18	23	—	740	7.7	12.5	238	96	97	—

Table 2. -- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
177	142	—	11	439	0	360	—	62	—	—	1190	0.01	—	6.4	—	—	20	210	—
177	100	—	4.7	400	0	328	—	74	—	—	1480	.04	—	7.6	—	—	40	620	—
177	94	—	—	—	0	—	—	46	—	—	884	.11	—	—	—	—	—	—	—
177	110	—	12	384	0	315	480	59	—	—	1220	.02	—	.14	—	—	30	290	—
177	127	—	10	414	0	340	510	64	—	—	1230	.02	—	.10	—	—	70	320	—
178	130	—	14	307	0	252	480	49	—	—	1190	.18	—	.03	—	—	20	—	—
179	70	—	5.0	254	0	208	—	4.8	—	—	331	.09	—	4.6	—	—	30	500	—
179	39	—	3.5	259	0	212	—	6.0	—	—	399	—	—	2.7	—	—	50	880	—
179	38	—	9.0	256	0	210	77	9.0	—	—	432	.01	—	—	—	—	270	670	—
179	35	—	5.2	368	0	302	84	7.0	—	—	414	.50	—	—	—	—	50	830	—
179	37	1.0	4.0	246	0	202	65	8.0	—	—	399	.12	—	.01	—	—	30	70	—
180	73	—	4.9	287	0	235	—	34	—	—	368	.01	—	15	—	—	60	1350	—
180	27	—	2.9	176	0	144	—	29	—	—	392	2.6	—	12	—	—	30	2590	—
180	26	—	7.0	192	0	157	74	30	—	—	428	3.1	—	—	—	—	280	1650	—
180	28	—	4.9	216	0	177	94	24	—	—	395	2.2	—	—	—	—	140	1700	—
180	28	—	4.0	192	0	157	74	22	—	—	380	2.2	—	—	—	—	—	110	—
181	55	—	7.5	280	0	230	—	—	—	—	—	—	—	1.2	—	—	40	640	—
182	85	—	6.6	170	0	139	—	12	—	—	427	—	—	.48	—	—	50	540	—
182	60	—	3.6	157	0	129	—	21	—	—	635	.02	—	4.3	—	—	100	410	—
182	36	—	6.0	173	0	142	230	18	—	—	437	.02	—	—	—	—	220	830	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
182	SC0040653 1DBB1	393937104422001	005	111ALFP	75-12-08	23	—	740	7.0	10.5	244	110	66	—
182	SC0040653 1DBB1	393937104422001	005	111ALFP	76-03-30	23	4.8	625	7.9	9.0	268	130	70	7.1
183	SC0040653 1DDC1	393912104420201	005	111ALFP	74-11-26	28	—	675	7.0	11.0	263	47	52	—
183	SC0040653 1DDC1	393912104420201	005	111ALFP	75-02-12	28	—	660	7.0	11.5	246	46	96	—
183	SC0040653 1DDC1	393912104420201	005	111ALFP	75-08-18	28	—	675	7.7	13.5	245	67	81	—
183	SC0040653 1DDC1	393912104420201	005	111ALFP	75-12-09	28	—	640	7.9	12.0	231	69	76	—
183	SC0040653 1DDC1	393912104420201	005	111ALFP	76-03-31	28	7.7	560	7.6	11.0	288	130	74	8.0
184	SC0040653 2ADA1	393946104404201	005	111ALFP	74-11-26	27	—	3400	7.0	11.0	1570	1200	400	—
184	SC0040653 2ADA1	393946104404201	005	111ALFP	75-02-12	27	—	4000	6.6	12.0	1580	1200	461	—
184	SC0040653 2ADA1	393946104404201	005	111ALFP	75-08-18	27	—	3500	7.2	14.0	1020	730	320	—
185	SC0040653 2ADD1	393939104404601	005	111ALFP	74-11-25	21	—	4000	7.1	10.5	1690	1400	420	—
185	SC0040653 2ADD1	393939104404601	005	111ALFP	75-08-18	21	—	4600	7.4	13.0	1380	1100	372	—
186	SC0040653 2BAB1	394002104412901	005	111ALFP	75-08-18	11	—	960	7.4	15.0	305	110	78	—
187	SC0040653 2CBC1	393924104414701	005	111ALFP	74-11-26	16	—	810	7.4	11.0	400	130	89	—
188	SC0040653 3BAB1	393958104402301	005	111ALFP	75-06-18	28	—	1500	7.8	14.5	546	370	140	—
188	SC0040653 3BAB1	393958104402301	005	111ALFP	75-08-19	28	—	910	11.1	12.0	218	0	67	—
188	SC0040653 3BAB1	393958104402301	005	111ALFP	75-12-08	28	—	1050	9.0	10.5	322	180	51	—
188	SC0040653 3BAB1	393958104402301	005	111ALFP	76-04-02	28	15.5	1350	7.6	13.5	622	400	143	26
189	SC0040653 3BAB3	393958104402201	005	111ALFP	74-11-26	23	—	1300	7.0	10.5	627	400	150	—
189	SC0040653 3BAB3	393958104402201	005	111ALFP	75-02-12	23	—	1400	6.9	11.0	650	430	215	—

Table 2. -- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
182	43	—	4.3	170	0	139	200	16	—	—	415	0.03	—	0.01	—	—	100	640	—
182	48	—	5.0	166	0	136	129	21	—	—	473	.05	—	.02	—	—	140	410	—
183	55	—	21	263	0	216	—	5.2	—	—	378	.03	—	3.4	—	—	30	800	—
183	35	—	3.6	244	0	200	—	10	—	—	557	.15	—	.40	—	—	1870	2880	—
183	35	—	12	217	0	178	86	7.0	—	—	478	.05	—	.02	—	—	2500	2200	—
183	28	—	5.0	198	0	162	104	4.0	—	—	362	.11	—	.02	—	—	270	1080	—
183	32	0.9	6.0	192	0	157	101	2.0	—	—	416	.06	—	.02	—	—	300	910	—
184	190	—	25	434	0	356	—	25	—	—	2800	.02	—	1.3	—	—	60	300	—
184	320	—	9.5	495	0	406	—	35	—	—	3400	—	—	.60	—	—	4000	13000	—
184	240	—	28	356	0	292	1220	50	—	—	2170	11	—	—	—	—	650	2200	—
185	255	—	34	415	0	340	—	29	—	—	3480	.18	—	3.1	—	—	80	840	—
185	288	—	28	322	0	264	1900	35	—	—	3170	6.7	—	—	—	—	340	2700	—
186	76	—	10	234	0	192	114	23	—	—	598	9.6	—	.09	—	—	90	900	—
187	45	—	9.0	331	0	271	—	25	—	—	497	.10	—	.78	—	—	30	150	—
188	53	—	13	216	0	177	440	35	—	—	992	3.8	—	.17	—	—	—	10	—
188	48	—	12	121	160	366	—	36	—	—	456	3.2	—	—	—	—	60	40	—
188	58	—	7.5	145	16	146	360	32	—	—	638	3.3	—	.02	—	—	40	—	—
188	66	1.3	8.0	276	0	226	876	39	—	—	1060	5.5	—	—	—	—	—	30	—
189	100	—	13	278	0	228	—	26	—	—	923	—	—	.48	—	—	40	1200	—
189	54	—	4.0	268	0	220	—	32	—	—	1080	.79	—	1.3	—	—	2200	4800	—

Table 2.-- Chemical analyses of water from wells — Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
189	SC00406533BAB3	393958104402201	005	111ALFP	75-08-18	23	—	1800	7.1	13.5	761	550	186	—
189	SC00406533BAB3	393958104402201	005	111ALFP	75-12-08	23	—	1850	7.4	12.0	797	570	123	—
189	SC00406533BAB3	393958104402201	005	111ALFP	76-04-02	23	10.6	1600	7.1	12.5	789	570	164	34
190	SC00406533CBC1	393924104403501	005	111ALFP	74-11-25	21	—	2200	7.1	10.5	846	640	160	—
190	SC00406533CBC1	393924104403501	005	111ALFP	75-02-12	21	—	2200	7.2	10.0	729	570	247	—
190	SC00406533CBC1	393924104403501	005	111ALFP	75-08-18	21	—	2650	7.4	14.0	871	660	264	—
190	SC00406533CBC1	393924104403501	005	111ALFP	75-12-09	21	—	2600	7.5	11.0	749	520	222	—
190	SC00406533CBC1	393924104403501	005	111ALFP	76-04-05	21	—	2100	7.4	10.5	803	600	161	12
191	SC00406534CBB1	393935104393001	005	111ALFP	74-11-25	16	—	1400	7.5	12.5	537	320	115	—
191	SC00406534CBB1	393935104393001	005	111ALFP	75-02-11	16	—	1450	7.2	6.0	481	230	157	—
191	SC00406534CBB1	393935104393001	005	111ALFP	75-08-14	16	—	1550	7.5	14.0	477	250	80	—
191	SC00406534CBB1	393935104393001	005	111ALFP	75-12-04	16	—	1450	7.6	12.0	544	300	—	—
191	SC00406534CBB1	393935104393001	005	111ALFP	76-03-31	16	6.7	1225	7.4	7.5	513	290	105	25
192	SC00406718ACA1	394222104554301	005	111AVMT	59-02-16	60	—	807	7.7	12.0	314	118	106	12
194	SC00406718ACC2	394216104554601	005	111AVMT	59-03-04	43	—	625	7.7	12.0	240	64	80	9.7
195	SC00406718ACD1	394218104554301	005	111AVMT	77-04-21	51	—	910	7.6	12.0	370	120	120	18
196	SC00406721BCD1	394127104535301	005	111ALFP	58-01-31	56	—	570	7.1	13.5	212	64	69	9.7
196	SC00406721BCD1	394127104535301	005	111ALFP	77-05-05	56	16.2	550	7.4	12.0	200	64	66	9.5
197	SC00406728BAB1	394055104534601	005	111ALFP	77-05-05	39	—	900	7.4	10.0	340	86	110	16
198	SC00406735CCD1	393912104514501	031	111AVMT	77-05-02	100	30.8	739	7.1	12.0	370	0	120	18

Table 2.--- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
189	65	—	11	263	0	216	555	36	—	—	1260	0.71	—	0.02	—	—	260	3600	—
189	35	—	8.5	274	0	225	660	37	—	—	1250	.64	—	.04	—	—	2100	3500	—
189	57	—	8.0	272	0	223	628	38	—	—	1270	.28	—	—	—	—	910	1680	—
190	145	—	9.0	247	0	203	—	132	—	—	1610	21	—	.18	—	—	30	—	—
190	195	—	3.9	191	0	157	—	116	—	—	1700	31	—	.60	—	—	150	—	—
190	105	—	12	252	0	207	840	127	—	—	1790	19	—	.05	—	—	40	30	—
190	175	—	6.8	278	0	228	840	89	—	—	1610	15	—	.02	—	—	550	40	—
190	156	—	8.0	253	0	208	857	150	—	—	1670	15	—	—	—	—	110	10	—
191	130	—	14	270	0	221	—	45	—	—	962	.18	—	.90	—	—	50	1010	—
191	94	—	5.4	303	0	249	—	53	—	—	1040	.06	—	.30	—	—	170	1870	—
191	85	—	14	273	0	224	525	46	—	—	907	.07	—	.05	—	—	160	1180	—
191	106	—	14	296	0	243	380	52	—	—	978	.06	—	.50	—	—	90	800	—
191	100	—	11	271	0	222	372	42	—	—	965	—	—	.05	—	—	20	680	—
192	43	1.1	4.4	240	0	197	130	34	0.6	36	523	38	—	—	—	—	0	0	—
194	37	1.0	3.8	214	0	176	88	24	.6	28	398	22	—	—	—	—	30	110	—
195	57	1.3	6.7	310	0	250	160	43	.6	27	594	—	1.9	.17	1	90	80	10	0
196	38	1.1	2.0	180	0	148	80	32	.7	26	364	18	—	—	—	—	30	0	—
196	30	.9	1.8	170	0	140	51	36	.6	25	332	—	6.3	.09	1	30	40	10	2
197	65	—	5.2	310	0	250	150	44	.6	23	582	—	3.4	.19	1	70	30	0	5
198	50	1.1	4.3	470	0	390	46	22	1.0	30	530	—	.18	.34	4	70	90	4900	0

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate 1	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
199	SC004068 05ADB1	394409105010701	031	111ALFP	77-05-09	40	21.0	1300	7.5	17.0	370	170	110	24
200	SC004068 09DCA1	394239105000601	031	111ALFP	58-01-16	32	—	482	7.3	12.0	147	28	43	9.7
201	SC004068 11DBA1	394304104574901	031	111ALFP	77-04-19	33	10.9	1490	7.1	12.0	520	170	160	29
203	SC004068 26CBD1	394022104582601	031	111AVMT	56-07-17	28	—	—	7.2	—	530	82	171	26
204	SC004068 28DAC1	394018104595701	031	111ALFP	58-05-02	35	—	1620	6.7	10.5	572	498	170	36
205	SC004068 28DDB1	394013104595801	031	111AVMT	77-05-09	44	11.6	950	7.6	11.0	360	210	110	20
206	SC004068 34CCD1	393918104593101	005	111AVMT	77-04-18	42	18.0	1280	7.6	11.0	430	63	140	20
207	SC004069 02DBC1	394348105044401	059	111AVMT	77-11-29	75	—	1765	7.6	15.5	200	28	77	1.9
208	SC004069 10CAD1	394255105060001	059	111AVMT	55-09-15	64	—	1310	7.0	—	386	15	125	18
209	SC004069 12DAC1	394300105031101	059	111AVMT	55-05-26	60	—	2450	7.5	—	310	11	110	8.5
210	SC004070 07BDC1	394309105160800	059	400PCMB	73-12-06	230	—	432	7.7	8.5	200	44	62	12
210	SC004070 07BDC1	394309105160800	059	400PCMB	75-05-15	230	—	440	—	9.5	200	36	61	12
210	SC004070 07BDC1	394309105160800	059	400PCMB	75-09-18	230	—	445	—	9.5	210	46	61	13
210	SC004070 07BDC1	394309105160800	059	400PCMB	75-12-03	230	—	455	—	8.5	210	39	62	13
211	SC004070 32AAB1	393958105143200	059	400PCMB	73-12-07	100	—	785	7.7	11.0	320	87	78	31
211	SC004070 32AAB1	393958105143200	059	400PCMB	75-05-15	100	—	795	—	11.0	310	49	78	29
211	SC004070 32AAB1	393958105143200	059	400PCMB	75-09-19	100	—	780	—	12.0	340	57	83	33
211	SC004070 32AAB1	393958105143200	059	400PCMB	75-12-03	100	—	850	—	10.5	350	62	91	29
212	SC004071 12CBB1	394301105173300	059	400PCMB	73-12-06	110	—	153	6.4	7.5	47	25	14	3.0
212	SC004071 12CBB1	394301105173300	059	400PCMB	75-05-15	110		165	—	8.0	53	32	16	3.1

Table 2. -- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
199	120	2.7	11	250	0	205	280	110	1.2	19	807	—	1.8	0.03	0	710	60	250	4
200	33	1.2	3.0	145	0	119	56	31	1.0	17	268	3.5	—	—	—	—	980	0	—
201	130	2.5	17	430	0	350	300	98	.8	28	996	—	4.4	.20	3	1200	50	20	5
203	212	4.0	—	547	0	—	405	86	—	—	530	—	—	—	—	—	—	—	—
204	144	2.6	7.4	90	0	74	570	170	3.2	—	1120	7.7	—	—	—	—	—	—	—
205	62	1.4	3.8	180	0	148	240	56	1.0	12	610	—	3.1	.20	1	1400	40	370	2
206	130	2.7	2.6	450	0	370	200	70	.9	21	843	—	8.1	.04	0	340	30	10	3
207	330	10	1.2	210	0	170	650	33	1.1	11	1210	—	.04	.01	0	130	580	200	0
208	146	3.2	.6	453	0	372	287	22	.1	43	895	30	—	—	—	—	50	0	—
209	—	—	—	364	0	—	893	34	1.6	—	71225	—	—	—	—	—	—	—	—
210	7.6	.2	4.4	195	0	160	20	14	.1	15	254	—	5.1	.02	—	—	10	0	2
210	8.0	.2	4.4	202	—	166	22	17	.2	15	267	—	6.3	.01	0	—	40	20	—
210	8.0	.2	4.2	195	—	160	19	18	.3	15	256	—	4.9	.01	—	—	20	0	—
210	8.6	.3	4.5	207	—	170	19	17	.2	14	263	—	5.0	.00	—	—	30	0	—
211	40	1.0	3.7	287	0	235	51	41	.4	18	485	—	18	.03	—	—	70	90	2
211	48	1.2	3.4	323	—	265	46	44	.2	12	478	—	13	.01	0	—	320	140	—
211	48	1.1	3.0	349	—	286	49	43	.2	12	505	—	14	.02	—	—	20	150	—
211	50	1.2	3.0	347	—	285	46	42	.3	16	528	—	18	.00	—	—	130	110	—
212	7.0	.4	2.7	27	0	22	15	12	.1	22	105	—	3.6	.03	—	—	10	20	2
212	8.1	.5	3.2	25	—	21	16	19	.1	22	116	—	3.6	.02	0	—	10	5	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca,Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
212	SC00407112CBB1	394301105173300	059	400PLMB	75-09-18	110	—	155	—	7.0	48	27	14	3.2
212	SC00407112CBB1	394301105173300	059	400PLMB	75-12-03	110	—	163	—	7.5	50	34	15	3.0
213	SC00407116DBB1	394205105202400	059	400PLMB	73-12-05	160	—	589	7.3	6.5	280	100	87	14
213	SC00407116DBB1	394205105202400	059	400PLMB	75-05-15	160	—	575	—	8.0	280	88	89	14
213	SC00407116DBB1	394205105202400	059	400PLMB	75-09-18	160	—	630	—	7.0	270	81	83	14
213	SC00407116DBB1	394205105202400	059	400PLMB	75-12-03	160	—	575	—	7.0	260	98	85	12
214	SC00407120ACB1	394127105212900	059	400PLMB	75-11-18	203	—	260	—	—	120	0	39	6.3
215	SC00506503ABB1	393908104385901	005	111ALFP	74-11-25	18	—	950	7.1	12.0	381	170	93	—
215	SC00506503ABB1	393908104385901	005	111ALFP	75-02-10	18	—	1020	7.3	9.0	389	190	136	—
215	SC00506503ABB1	393908104385901	005	111ALFP	75-08-14	18	—	1075	7.7	12.0	384	190	80	—
215	SC00506503ABB1	393908104385901	005	111ALFP	75-12-04	18	—	1020	7.4	13.0	406	200	110	—
216	SC00506504AAA2	393910104393601	005	111ALFP	74-11-25	18	—	2050	7.3	12.5	996	760	216	—
216	SC00506504AAA2	393910104393601	005	111ALFP	75-02-11	18	—	1900	6.9	10.0	898	630	272	—
216	SC00506504AAA2	393910104393601	005	111ALFP	75-08-15	18	—	1950	7.6	13.5	770	510	130	—
216	SC00506504AAA2	393910104393601	005	111ALFP	75-12-09	18	—	2100	7.5	12.0	869	580	129	—
217	SC00506504BDB1	393855104402401	005	111ALFP	74-11-25	33	—	1300	7.0	11.0	482	300	101	—
217	SC00506504BDB1	393855104402401	005	111ALFP	75-02-11	33	—	1175	7.1	9.5	512	350	151	—
217	SC00506504BDB1	393855104402401	005	111ALFP	75-08-15	33	—	1325	7.6	11.5	437	260	80	—
217	SC00506504BDB1	393855104402401	005	111ALFP	75-12-09	33	—	1350	8.1	11.0	513	340	160	—
218	SC00506504CAB1	393843104402401	005	111ALFP	75-06-19	18	—	1650	11.2	10.0	358	—	114	—

Table 2.-- Chemical analyses of water from wells -Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
212	7.4	0.5	2.5	26	—	21	15	13	0.2	21	103	—	3.2	0.01	—	—	40	0	—
212	7.3	.5	2.7	19	—	16	19	16	.4	22	107	—	2.8	.00	—	—	50	0	—
213	11	.3	3.1	209	0	171	33	36	.3	22	363	—	12	.04	—	—	30	80	2
213	13	.3	3.3	234	—	192	30	45	.2	20	371	—	9.3	.02	0	—	20	5	—
213	13	.3	3.0	224	—	184	27	45	.3	20	351	—	7.9	.02	—	—	30	0	—
213	12	.3	2.3	199	—	163	28	47	.2	21	345	—	8.8	.00	—	—	30	10	—
214	9.2	.4	3.9	152	—	125	15	2.8	.3	21	177	—	.83		—	—	0	0	—
215	110	—	9.3	253	0	208	—	26	—	—	653	—	—	1.6	—	—	60	530	—
215	67	—	6.9	245	0	201	—	27	—	—	685	—	—	1.4	—	—	520	570	—
215	50	—	13	242	0	198	—	28	—	—	657	0.01	—	.09	—	—	420	560	—
215	52	—	9.2	248	0	203	240	26	—	—	624	.01	—	.09	—	—	710	540	—
216	90	—	27	285	0	234	—	50	—	—	1570	—	—	2.4	—	—	50	80	—
216	88	—	6.8	325	0	267	—	44	—	—	1520	1.0	—	2.4	—	—	1530	6000	—
216	60	—	14	318	0	261	—	34	—	—	1310	.41	—	.43	—	—	2600	6500	—
216	73	—	11	348	0	285	820	38	—	—	1400	.22	—	.07	—	—	1600	8300	—
217	87	—	10	220	0	180	—	21	—	—	790	.04	—	.32	—	—	10	570	—
217	75	—	6.9	197	0	162	—	16	—	—	832	.08	—	.12	—	—	140	1260	—
217	80.	—	11	217	0	178	420	17	—	—	855	.48	—	.01	—	—	950	1200	—
217	64	—	8.8	212	0	174	440	14	—	—	853	.08	—	—	—	—	530	630	—
218	5.0	—	14	—	44	—	—	52	—	—	562	.28	—	—	—	—	30	—	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
218	SC0050650 4CABI	393843104402401	005	111ALFP	75-08-20	18	—	1025	10.8	12.5	335	—	132	—
218	SC0050650 4CABI	393843104402401	005	111ALFP	75-12-09	18	—	1150	10.7	12.0	433	0	115	—
219	SC0050650 4CACI	393834104402001	005	111ALFP	74-11-25	29	—	1900	6.8	12.0	835	620	210	—
219	SC0050650 4CACI	393834104402001	005	111ALFP	75-02-10	29	—	1850	7.2	10.5	853	650	253	—
219	SC0050650 4CACI	393834104402001	005	111ALFP	75-08-19	29	—	2100	7.3	13.5	804	610	252	—
219	SC0050650 4CACI	393834104402001	005	111ALFP	75-12-08	29	—	2400	7.6	10.0	922	710	260	—
219	SC0050650 4CACI	393834104402001	005	111ALFP	76-04-01	29	—	1800	7.4	11.0	917	710	187	35
220	SC0050650 4DBCI	393833104400801	005	111ALFP	74-11-25	22	—	2000	7.3	12.5	914	580	220	—
220	SC0050650 4DBCI	393833104400801	005	111ALFP	75-02-11	22	—	2100	7.1	10.5	834	590	267	—
220	SC0050650 4DBCI	393833104400801	005	111ALFP	75-08-15	22	—	2900	7.5	13.0	1020	780	280	—
220	SC0050650 4DBCI	393833104400801	005	111ALFP	75-12-09	22	—	2700	7.4	12.0	914	680	315	—
220	SC0050650 4DBCI	393833104400801	005	111ALFP	76-04-01	22	—	2000	7.4	13.0	867	670	221	—
221	SC0050650 6ABCI	393903104422201	005	111ALFP	74-11-26	28	—	810	7.1	10.0	277	80	65	—
221	SC0050650 6ABCI	393903104422201	005	111ALFP	75-02-12	28	—	825	7.2	10.0	256	57	94	—
221	SC0050650 6ABCI	393903104422201	005	111ALFP	75-08-18	28	—	1000	7.5	12.0	329	130	154	—
221	SC0050650 6ABCI	393903104422201	005	111ALFP	75-12-09	28	—	900	7.2	11.0	299	95	115	—
221	SC0050650 6ABCI	393903104422201	005	111ALFP	76-03-31	28	9.3	775	7.3	10.5	319	120	84	11
222	SC0050650 6BDD3	393846104422901	005	111ALFP	74-11-26	37	—	2900	6.9	10.5	1220	920	450	—
222	SC0050650 6BDD3	393846104422901	005	111ALFP	75-02-12	37	—	2175	6.8	11.0	644	330	212	—
222	SC0050650 6BDD3	393846104422901	005	111ALFP	75-08-14	37	—	2500	7.2	13.5	693	400	107	—

Table 2. -- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
218	82	—	11	—	84	—	—	63	—	—	571	—	—	—	—	—	10	10	—
218	32	—	6.3	360	1420	2660	400	62	—	—	753	0.08	—	—	—	—	20	—	—
219	112	—	11	264	0	217	—	119	—	—	1370	8.1	—	0.14	—	—	30	—	—
219	89	—	4.4	253	0	208	—	123	—	—	1270	7.5	—	—	—	—	40	—	—
219	70	—	11	234	0	192	545	121	—	—	1310	7.4	—	—	—	—	30	20	—
219	80	—	8.8	256	0	210	660	140	—	—	1520	7.9	—	.01	—	—	610	30	—
219	83	1.5	9.0	255	0	209	628	140	—	—	1450	29	—	—	—	—	100	20	—
220	100	—	33	412	0	338	—	89	—	—	1500	.03	—	1.1	—	—	30	—	—
220	94	—	8.0	300	0	246	—	119	—	—	1520	30	—	1.0	—	—	20	1030	—
220	90	—	18	293	0	240	375	239	—	—	1840	41	—	.41	—	—	50	330	—
220	111	—	16	284	0	233	500	200	—	—	1640	39	—	.40	—	—	50	470	—
220	97	—	13	241	0	198	305	247	—	—	1530	24	—	.34	—	—	10	70	—
221	110	—	6.2	240	0	197	—	11	—	—	497	.02	—	.12	—	—	100	110	—
221	80	—	3.4	242	0	198	—	7.0	—	—	684	—	—	—	—	—	920	560	—
221	75	—	8.0	248	0	203	205	24	—	—	619	.03	—	.02	—	—	720	430	—
221	61	—	5.4	249	0	204	180	18	—	—	552	.36	—	—	—	—	550	410	—
221	62	1.7	5.0	248	0	203	143	21	—	—	510	.10	—	—	—	—	310	360	—
222	155	—	22	366	0	300	—	31	—	—	2230	.01	—	1.0	—	—	1450	200	—
222	185	—	6.5	387	0	317	—	28	—	—	1520	.04	—	1.7	—	—	250	2260	—
222	230	—	19	357	0	293	720	42	—	—	1520	.11	—	—	—	—	720	2880	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
222	SC00506506BDD3	393846104422901	005	111ALFP	75-12-05	37	—	2100	7.6	8.5	612	320	176	—
222	SC00506506BDD3	393846104422901	005	111ALFP	76-03-30	37	8.2	1650	7.3	11.0	594	300	122	20
223	SC00506506CAC1	393835104424101	005	125DNVR	75-06-19	53	—	7500	11.2	13.5	1190	—	314	—
223	SC00506506CAC1	393835104424101	005	125DNVR	75-08-20	53	—	8000	11.5	14.0	1190	—	442	—
223	SC00506506CAC1	393835104424101	005	125DNVR	75-12-05	53	—	3900	11.9	10.0	560	—	222	—
224	SC00506506CDA1	393831104422601	005	125DNVR	74-11-26	63	—	4000	6.5	15.0	1210	250	360	—
224	SC00506506CDA1	393831104422601	005	125DNVR	75-02-12	63	—	3500	6.6	18.5	1060	730	324	—
224	SC00506506CDA1	393831104422601	005	125DNVR	75-08-14	63	—	4500	6.9	21.5	1090	790	265	—
224	SC00506506CDA1	393831104422601	005	125DNVR	75-12-04	63	—	4000	7.1	19.0	1270	960	362	—
224	SC00506506CDA1	393831104422601	005	125DNVR	76-03-30	63	51.7	78000	6.8	16.0	3870	3500	902	34
225	SC00506506CDD1	393819104423001	005	124DWSN	74-11-27	53	—	2400	6.6	11.0	1150	980	270	—
225	SC00506506CDD1	393819104423001	005	124DWSN	75-02-11	53	—	2800	6.7	10.0	1270	1100	343	—
225	SC00506506CDD1	393819104423001	005	124DWSN	75-08-14	53	—	2500	7.1	12.0	1010	820	148	—
225	SC00506506CDD1	393819104423001	005	124DWSN	75-12-08	53	—	2400	6.8	9.5	994	810	277	—
225	SC00506506CDD1	393819104423001	005	124DWSN	76-03-30	53	31.8	2175	6.9	10.0	1510	1300	228	47
226	SC00506509ACD1	393756104395301	005	111ALFP	75-08-15	20	—	1750	7.4	13.5	738	440	200	—
227	SC00506509BAA1	393817104401501	005	111ALFP	74-11-25	24	—	1900	7.2	12.0	797	580	200	—
227	SC00506509BAA1	393817104401501	005	111ALFP	75-02-11	24	—	1700	6.9	10.0	711	480	217	—
227	SC00506509BAA1	393817104401501	005	111ALFP	75-08-15	24	—	1850	7.6	11.5	700	470	115	—
227	SC00506509BAA1	393817104401501	005	111ALFP	75-12-04	24	—	1700	7.6	11.5	544	310	205	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
222	200	—	14	360	0	295	680	34	—	—	1180	0.02	—	0.01	—	—	1310	3800	—
222	195	4.3	13	363	0	298	562	57	—	—	1400	.05	—	—	—	—	910	3900	—
223	97	—	8.0	—	60	—	390	21	—	—	1650	—	—	.02	—	—	—	10	—
223	94	—	16	—	40	—	275	27	—	—	1550	.02	—	—	—	—	10	10	—
223	142	—	20	—	80	—	530	2[illegible]	—	—	1280	.05	—	—	—	—	30	—	—
224	280	—	19	1170	0	960	—	69	—	—	2380	.02	—	7.5	—	—	720	2350	—
224	260	—	9.5	397	0	326	—	596	—	—	2370	1.1	—	.80	—	—	3300	8500	—
224	200	—	19	362	0	297	415	641	—	—	2210	.40	—	—	—	—	1300	5200	—
224	260	—	23	377	0	309	460	653	—	—	2400	.52	—	.01	—	—	2200	4800	—
224	1220	11	34	393	0	322	341	3050	—	—	7110	.26	—	—	—	—	6900	12500	—
225	120	—	18	209	0	171	—	48	—	—	1960	23	—	.40	—	—	30	850	—
225	135	—	11	260	0	213	—	29	—	—	2310	13	—	—	—	—	50	1280	—
225	110	—	17	229	0	188	890	37	—	—	1780	22	—	.01	—	—	30	930	—
225	104	—	13	230	0	189	920	36	—	—	1770	.42	—	.01	—	—	20	950	—
225	115	1.8	14	245	0	201	1000	44	—	—	2020	16	—	—	—	—	40	840	—
226	25	—	15	359	0	294	—	147	—	—	1240	5.5	—	.84	—	—	50	80	—
227	127	—	15	261	0	214	—	58	—	—	1360	.00	—	.36	—	—	90	360	—
227	122	—	6.7	286	0	235	—	54	—	—	1260	—	—	8.0	—	—	240	1070	—
227	85	—	20	283	0	232	490	53	—	—	1240	.02	—	—	—	—	960	700	—
227	106	—	14	281	0	230	550	50	—	—	1160	.00	—	.01	—	—	1040	800	—

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
228	SC0050650 9DDA1	393733104394201	005	111ALFP	74-11-25	11	—	1025	7.3	11.5	449	150	110	—
228	SC0050650 9DDA1	393733104394201	005	111ALFP	75-02-11	11	—	975	6.8	6.0	421	180	141	—
228	SC0050650 9DDA1	393733104394201	005	111ALFP	75-08-15	11	—	1100	7.6	16.5	437	160	118	—
228	SC0050650 9DDA1	393733104394201	005	111ALFP	75-12-07	11	—	1100	6.9	11.0	476	220	114	—
228	SC0050650 9DDA1	393733104394201	005	111ALFP	76-03-31	11	2.3	1000	7.3	8.0	452	140	115	—
229	SC0050661 8DCD1	393636104490201	005	111ALFP	77-06-23	64	28.6	825	7.2	11.5	340	120	110	15
230	SC0050661 9AAD1	393621104484201	005	111ALFP	77-06-09	58	26.5	1310	7.5	12.0	540	260	180	23
231	SC0050661 9ABC1	393627104491101	005	111ALFP	77-06-09	88	—	665	7.5	13.5	280	80	91	12
232	SC0050661 9ADD1	393608104483801	005	111ALFP	77-06-15	54	—	960	7.2	12.0	400	180	130	18
234	SC0050661 9BDA1	393614104491101	005	111ALFP	77-06-23	32	16.5	1310	7.1	10.5	640	390	210	28
235	SC0050662 0CCB1	393557104483101	005	111ALFP	77-04-22	48	28	1680	7.4	13.0	640	330	210	27
236	SC0050662 0CCD1	393543104482201	005	111ALFP	77-05-24	60	—	1525	7.1	12.5	600	320	200	25
237	SC0050663 0AAA1	393541104484201	005	111ALFP	77-05-25	83	—	530	7.1	10.0	220	52	71	9.5
238	SC0050663 0AAD1	393534104483901	005	111ALFP	57-06-17	98	—	480	7.3	14.0	195	16	62	9.7
239	SC0050663 0ADA1	393728104483701	005	111ALFP	77-05-11	95	—	590	7.3	11.5	220	43	74	9.4
240	SC0050663 0ADD1	393516104483901	005	111ALFP	77-06-08	79	30.9	490	7.1	15.0	190	22	61	8.1
241	SC0050663 2ADB1	393435104474601	005	111ALFP	77-06-16	48	—	1180	7.0	11.0	520	240	170	23
242	SC0050663 3CCB1	393405104472401	005	111ALFP	57-09-27	45	—	584	7.7	11.0	230	42	77	9.2
243	SC0050671 3AAD1	393714104494501	005	111ALFP	77-06-27	43	8.4	800	7.2	11.0	360	150	120	14
244	SC0050671 3ABD1	393714104500601	005	111ALFP	77-08-05	45	8.3	915	8.0	10.0	360	5	120	14

Table 2.-- Chemical analyses of water from wells – Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
228	102	—	15	364	0	299	—	15	—	—	656	—	—	4.8	—	—	30	1100	—
228	46	—	8.2	289	0	237	—	18	—	—	626	1.0	—	2.2	—	—	470	2000	—
228	55	—	15	344	0	282	155	19	—	—	704	.20	—	—	—	—	1340	2880	—
228	47	—	12	309	0	253	290	21	—	—	701	.02	—	.01	—	—	1360	2300	—
228	41	—	9.0	377	0	309	264	26	—	—	685	.11	—	—	—	—	700	1010	—
229	64	1.5	4.4	270	0	220	160	32	0.8	26	594	—	11	0.11	1	60	10	0	20
230	82	1.5	7.3	350	0	290	310	62	.8	16	865	—	2.4	.03	1	50	40	390	4
231	34	.9	6.3	240	0	200	100	23	.5	25	425	—	3.3	.15	2	50	70	30	11
232	50	1.1	7.1	270	0	221	210	40	.6	20	626	—	3.7	.06	2	60	140	20	19
234	64	1.1	4.8	300	0	250	380	69	.7	27	957	—	5.7	.11	2	70	0	0	30
235	130	2.2	8.4	370	0	300	450	74	.6	16	1140	—	10	.36	1	60	40	60	22
236	130	2.3	5.8	350	0	290	410	76	.7	21	1070	—	6.5	.11	0	70	70	10	28
237	28	.8	4.2	200	0	160	76	18	.6	24	341	—	2.3	.18	1	40	50	0	2
238	21	.7	3.8	218	0	179	48	9.0	.6	27	293	4.7	—	—	—	—	0	30	—
239	33	1.0	3.8	220	0	180	79	17	.6	23	362	—	2.9	.16	2	50	20	80	3
240	34	1.1	3.7	200	0	160	63	14	.9	22	314	—	1.8	.11	1	50	60	10	2
241	67	1.3	4.8	340	0	279	290	51	.7	23	807	—	.11	.01	3	40	7800	2000	0
242	35	1.0	3.6	230	0	189	99	13	.7	28	379	.40	—	—	—	—	2600	480	—
243	37	.9	3.0	250	0	210	160	27	.5	29	535	—	4.7	.06	1	40	30	0	11
244	64	1.5	11	430	0	350	73	44	.5	20	563	—	.33	.97	2	60	110	250	1

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
246	SC00506B0BDCC1	393735105012801	005	111ALFP	77-04-15	50	9.1	1090	7.4	11.0	380	91	110	25
247	SC00506B17CDA1	393646105013101	005	111ALFP	58-01-13	42	—	722	7.0	11.5	272	80	78	19
248	SC00506B17DBB1	393701105012501	005	111ALFP	77-05-05	38	—	870	7.2	11.5	340	120	100	22
249	SC00506B20CCA1	393554105015501	005	111ALFP	77-04-14	52	14.9	480	7.4	14.0	190	56	55	12
250	SC00506B31ABA1	393449105022701	005	111ALFP	77-05-05	55	—	545	7.0	11.5	220	59	63	14
251	SC00507006CDD1	393821105161000	059	400PLMB	73-12-11	180	—	353	7.5	9.5	160	0	36	18
251	SC00507006CDD1	393821105161000	059	400PLMB	75-05-15	180	—	385	—	9.5	180	0	38	20
251	SC00507006CDD1	393821105161000	059	400PLMB	75-09-18	180	—	400	—	9.0	190	0	38	23
251	SC00507006CDD1	393821105161000	059	400PLMB	75-12-04	180	—	400	—	9.0	180	0	39	21
252	SC00507114CBC1	393653105185100	059	400PLMB	75-10-08	240	—	350	—	—	140	0	44	7.6
253	SC00507114CBD1	393652105184000	059	400PLMB	75-10-29	178	—	525	—	—	220	23	69	12
254	SC00507124DDB1	393554105164900	059	400PLMB	76-07-14	360	—	260	—	—	100	0	30	6.9
255	SC00507126BAD2	393535105182500	059	400PLMB	76-07-14	350	—	220	—	—	88	0	27	5.0
256	SC00507126BBD1	393532105183700	059	400PLMB	75-11-11	152	—	425	—	—	160	47	50	9.3
257	SC00507134AAA2	393443105185400	059	400PLMB	75-10-22	—	—	200	—	—	75	0	21	5.4
258	SC00507134ABA1	393442105191200	059	400PLMB	75-11-05	—	—	260	—	—	110	0	32	6.9
259	SC00507134ABB1	393444105192400	059	400PLMB	75-10-21	—	—	260	—	—	120	0	35	7.8
260	SC00507134ACA2	393435105191200	059	400PLMB	75-10-14	180	—	195	—	—	76	0	22	5.0
261	SC00507134CBB1	393419105195100	059	400PLMB	75-11-12	280	—	175	—	—	78	0	24	4.5
262	SC00606604BCA1	393344104472201	035	111ALFP	77-06-16	60	—	600	7.3	11.0	250	43	81	11

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
246	98	2.2	3.5	350	0	290	210	57	1.4	17	705	—	2.1	0.02	0	180	470	50	2
247	50	1.3	2.8	234	0	192	114	40	.9	17	442	5.8	—	—	—	—	100	0	—
248	53	1.3	3.5	270	0	220	160	43	.9	15	539	—	1.8	.05	0	80	20	10	5
249	27	.9	2.8	160	0	130	62	31	1.1	17	291	—	.94	.09	0	40	100	0	1
250	30	.9	3.4	190	0	160	65	32	.8	17	329	—	2.3	.09	0	40	20	0	1
251	10	.3	2.0	213	0	175	12	2.1	2.0	15	206	—	.03	.02	—	—	1400	1900	4
251	11	.4	2.4	232	—	190	11	3.0	2.5	16	219	—	.11	.01	0	—	60	130	—
251	11	.3	1.7	234	—	192	11	1.7	2.4	16	221	—	.11	.01	—	—	290	90	—
251	11	.4	1.8	236	—	194	9.5	.8	2.3	17	219	—	.06	.01	—	—	320	80	—
252	15	.6	1.4	203	—	167	11	2.8	.2	14	201	—	.48	.03	0	—	80	10	—
253	17	.5	1.9	243	—	199	13	21	1.0	12	286	—	3.8	.00	—	—	70	10	—
254	13	—	2.3	154	—	126	6.9	5.7	.3	22	167	—	.56	—	0	—	120	30	—
255	8.7	.4	1.3	128	—	105	5.2	2.3	.3	27	144	—	.62	.05	0	—	90	10	—
256	13	.4	1.0	142	—	116	13	30	.3	23	250	—	7.9	.04	—	—	2500	20	—
257	10	.5	1.0	114	—	94	7.0	2.3	.4	18	124	—	.08	.00	—	—	370	210	—
258	17	.7	1.1	160	—	131	4.7	2.0	1.7	14	159	—	.01	.00	—	—	30	30	—
259	12	.5	1.0	169	—	139	2.3	1.3	.7	17	161	—	.01	.00	—	—	10	10	—
260	10	.5	.8	92	—	75	14	5.8	.5	21	131	—	.67	.18	—	—	40	10	—
261	10	.5	.8	108	—	89	5.5	2.3	.3	26	131	—	.59	.06	—	—	40	10	—
262	30	.8	6.1	250	0	205	74	21	.6	25	378	—	1.3	.17	3	50	70	130	3

Table 2.-- Chemical analyses of water from wells -Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
263	SC0060660 4CCA1	393317104471501	035	111ALFP	59-07-16	59	—	549	7.1	11.0	223	50	75	8.8
264	SC0060660 4CDB1	393317104471601	035	111ALFP	77-06-15	66	—	620	7.1	10.5	260	52	85	11
265	SC0060660 9DDD1	393213104463501	035	111ALFP	77-06-22	81	—	640	7.4	13.0	290	91	94	13
266	SC0060662 2BAC1	393107104460501	035	111ALFP	77-06-10	60	—	540	7.2	12.0	260	42	84	11
267	SC0060662 2BCA1	393107104461601	035	111ALFP	59-07-14	63	—	432	7.5	11.5	179	13	62	5.8
268	SC0060662 3ACD1	393059104442901	035	111ALFP	77-06-29	30	11.3	430	7.5	6.5	200	9	66	8.0
269	SC0060662 7CDD1	392935104455701	035	111ALFP	77-05-25	52	—	535	7.0	11.5	230	36	77	9.9
270	SC0060663 0ADB1	393013104485601	035	111ALFP	77-06-22	36	—	290	7.1	12.0	130	13	40	6.7
271	SC0060663 4CDC1	392843104460901	035	111ALFP	77-06-15	57	—	575	7.2	22.0	250	56	83	11
272	SC0060683 4CCA1	392854104594401	035	111AVMT	76-08-27	61	—	530	6.9	14.0	240	98	90	3.0
273	SC0060692 3DCB1	393049105045501	059	111ALFP	77-05-05	34	—	450	7.5	12.0	150	50	38	13
274	SC0060692 3DBB3	393043105045501	059	111ALFP	58-01-17	38	—	341	7.3	9.5	113	41	30	9.2
275	SC0060693 5AAD1	392925105042500	035	111ALFP	76-10-14	55	6.0	1410	7.2	13.0	610	320	150	58
276	SC0060700 7AAA1	393301105153100	059	400PCMB	73-12-12	70	—	157	6.5	8.5	57	11	17	3.6
276	SC0060700 7AAA1	393301105153100	059	400PCMB	75-05-16	70	—	210	—	8.0	76	4	23	4.6
276	SC0060700 7AAA1	393301105153100	059	400PCMB	75-09-19	70	—	225	—	8.5	84	0	24	5.9
276	SC0060700 7AAA1	393301105153100	059	400PCMB	75-12-04	70	—	300	—	8.0	110	0	32	6.5
277	SC0060701 3CCC1	393121105110400	059	400PCMB	73-12-10	160	—	359	7.4	8.0	160	9	49	9.5
277	SC0060701 3CCC1	393112105110400	059	400PCMB	75-05-16	160	—	340	—	9.5	150	15	46	8.3
277	SC0060701 3CCC1	393112105110400	059	400PCMB	75-09-19	160	—	385	—	8.5	180	36	53	11

Table 2. -- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
263	26	0.8	3.8	212	0	174	86	13	0.5	—	320	2.4	—	—	—	—	810	200	—
264	32	.9	4.7	250	0	205	89	21	.6	23	395	—	1.1	0.06	0	50	200	80	5
265	29	.7	4.0	240	0	200	97	23	.6	33	431	—	4.1	.14	2	50	10	0	5
266	22	.6	4.8	260	0	210	50	13	.7	37	363	—	2.8	.13	3	50	70	0	2
267	18	.6	2.6	202	0	166	31	9.0	.7	35	278	15	—	—	—	—	0	0	—
268	18	.6	3.2	230	0	189	27	8.4	.7	28	273	—	.11	.08	4	40	10	8	1
269	26	.7	3.1	240	0	200	58	15	.6	32	353	—	2.9	.11	0	40	10	4	4
270	9.9	.4	4.0	140	0	110	26	4.6	.7	37	203	—	.85	.27	4	30	40	0	3
271	27	.7	4.7	240	0	197	66	21	.6	34	387	—	4.8	.11	1	40	70	30	8
272	16	.5	5.2	170	0	139	74	22	.7	13	344	—	8.1	.00	0	40	30	10	3
273	30	1.1	2.2	120	0	98	64	32	1.0	9.3	250	—	.06	.04	0	30	460	30	0
274	23	.9	1.6	87	0	71	65	18	1.2	11	203	1.4	—	—	—	—	0	0	—
275	120	2.1	2.9	360	0	295	510	32	.7	19	1070	—	.11	.03	1	240	1900	30	1
276	6.6	.4	1.4	56	0	46	10	7.7	.1	24	107	—	2.0	.03	—	—	120	50	4
276	8.8	.4	2.9	88	—	72	5.2	9.5	.2	16	120	—	.78	.01	0	—	2600	400	—
276	10	.5	3.3	108	—	89	4.9	8.1	.2	15	127	—	.17	.02	—	—	1700	230	—
276	15	.6	2.5	137	—	112	2.5	15	.2	21	174	—	.62	.01	—	—	8600	210	—
277	8.6	.3	5.4	186	0	153	19	7.7	.2	16	213	—	1.2	.02	—	—	140	110	4
277	8.1	.3	4.7	163	—	134	19	11	.2	12	204	—	3.1	.01	0	—	60	40	—
277	8.0	.3	5.7	173	—	142	20	12	.2	15	228	—	4.1	.02	—	—	10	10	—

Table 2.-- Chemical analyses of water from wells – Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
277	SC00607013CCC1	393121105110400	059	400PCMB	75-12-04	160	—	390	—	7.5	170	18	51	9.7
278	SC00607016ADC1	393150105133300	059	400PCMB	76-07-13	440	—	160	—	—	56	0	18	2.6
279	SC00607016ADC2	393144105134000	059	400PCMB	76-08-10	480	—	285	6.2	—	95	0	31	4.3
280	SC00607016BBA1	393207105141700	059	400PCMB	75-11-05	153	—	155	—	—	62	0	18	4.0
281	SC00607016DAB1	393143105133700	059	400PCMB	76-08-10	420	—	256	7.2	—	120	0	42	4.0
282	SC00607102BBD1	393350105184300	059	400PCMB	73-12-11	140	—	160	6.1	7.0	48	17	15	2.5
282	SC00607102BBD1	393350105184300	059	400PCMB	75-05-16	140	—	160	—	7.5	44	18	14	2.2
282	SC00607102BBD1	393350105184300	059	400PCMB	75-09-19	140	—	160	—	7.5	46	22	14	2.6
282	SC00607102BBD1	393350105184300	059	400PCMB	75-12-03	140	—	155	—	7.0	49	22	15	2.7
283	SC00607111DAC1	393232105180200	059	400PCMB	73-12-13	120	—	339	7.3	6.5	160	25	39	14
283	SC00607111DAC1	393232105180200	059	400PCMB	75-05-16	120	—	335	—	7.0	160	23	40	15
283	SC00607111DAC1	393232105180200	059	400PCMB	75-09-19	120	—	375	—	7.5	190	33	43	19
283	SC00607111DAC1	393232105180200	059	400PCMB	75-12-04	120	—	345	—	6.0	170	32	43	14
284	SC00607125DAA1	392958105164600	059	400PCMB	73-12-12	220	—	339	7.8	5.5	150	0	36	14
284	SC00607125DAA1	392958105164600	059	400PCMB	75-05-16	220	—	305	—	7.0	120	0	29	12
284	SC00607125DAA1	392958105164600	059	400PCMB	75-09-19	220	—	320	—	7.5	130	13	32	13
284	SC00607125DAA1	392958105164600	059	400PCMB	75-12-04	220	—	285	—	5.5	120	8	28	12
285	SC00706530DAC1	392440104420901	035	111ALFP	77-06-29	66	—	420	7.1	11.0	180	46	58	7.8
286	SC00706602DBB1	392816104444601	035	111AVMT	77-07-01	65	20.9	230	6.8	12.0	96	27	32	3.8
287	SC00706603CDD3	392751104455900	035	111ALFP	77-02-08	58	—	510	6.5	10.0	210	17	69	10

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
277	8.1	0.3	5.5	182	—	149	20	10	0.2	15	226	—	3.8	0.01	—	—	30	20	—
278	12	.7	.8	100	—	82	3.7	.8	.2	30	124	—	.20	.04	0	—	120	0	—
279	12	.5	1.9	120	0	98	30	4.6	.3	19	201	—	3.9	.09	0	—	40	120	—
280	12	.7	.7	94	—	77	4.3	1.7	.7	24	114	—	.05	.01	—	—	20	20	—
281	9.8	.4	1.4	158	0	130	6.9	1.6	.5	21	170	—	.45	.04	0	—	30	60	—
282	11	.7	1.6	38	0	31	14	14	.1	33	119	—	2.1	.04	—	—	30	33	3
282	11	.7	1.7	32	—	26	15	15	.2	30	114	—	2.1	.05	1	—	40	10	—
282	11	.7	1.4	29	—	24	16	14	.2	30	112	—	1.9	.05	—	—	30	10	—
282	9.9	.6	1.4	33	—	27	16	12	.2	30	112	—	1.9	.01	—	—	50	10	—
283	6.4	.2	1.6	159	0	130	9.5	11	.3	16	194	—	3.9	.03	—	—	10	17	2
283	6.6	.2	2.4	169	—	139	11	12	.4	15	206	—	4.5	.01	0	—	50	10	—
283	7.5	.2	2.3	186	—	153	10	11	.5	13	215	—	3.9	.01	—	—	10	0	—
283	6.4	.2	1.9	162	—	133	9.2	11	.5	15	200	—	4.4	.00	—	—	30	10	—
284	15	.5	2.1	186	0	153	27	1.5	1.6	11	200	—	.03	.02	—	—	70	33	2
284	16	.6	2.2	155	—	127	32	2.8	1.6	9.1	182	—	.06	.01	0	—	250	30	—
284	16	.6	1.7	147	—	121	32	1.4	1.9	6.8	178	—	.11	.01	—	—	110	30	—
284	15	.6	1.7	136	—	112	33	1.5	1.6	2.3	163	—	.15	.00	—	—	150	50	—
285	18	.6	2.6	160	0	131	46	13	.5	34	271	—	2.8	.04	6	50	90	70	3
286	7.3	.3	1.7	84	0	69	14	5.9	.6	34	163	—	4.9	.12	6	30	20	0	15
287	28	.8	3.5	239	0	196	48	19	.7	29	329	—	.58	.17	2	60	170	230	3

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
288	SC00706610CAA1	392724104455600	035	111ALFP	77-02-08	60	—	405	6.7	10.0	170	23	54	7.6
289	SC00706615DBB1	392628104454800	035	111AVMT	76-11-04	54	31.6	805	6.8	9.0	340	170	110	15
290	SC00706622CCA1	392521104461701	035	111ALFP	56-08-26	69	—	375	7.4	10.0	153	3	50	6.8
291	SC00706627CDA1	392429104455800	035	111ALFP	76-11-04	66	6.0	420	7.1	10.0	150	0	47	8.7
292	SC00706634DDA1	392336104452200	035	111ALFP	76-11-01	20	6.3	625	6.9	12.5	250	140	81	11
293	SC00706720BCB1	392548104551900	035	111AVMT	76-06-09	106	54.3	310	6.3	12.5	120	37	41	5.3
294	SC00706720DAD1	392531104542000	035	111ALFP	76-08-25	60	—	360	6.7	13.5	160	55	55	4.9
295	SC00706727BCD2	392453104525900	035	111AVMT	76-08-26	44	33.8	665	6.9	12.0	81	6	17	9.3
297	SC00706802BCB1	392828104584400	035	111ALFP	76-09-23	16	14.0	255	6.7	11.0	100	41	33	4.4
298	SC00706803DBB1	392810104591700	035	124DWSN	76-08-19	75	43.2	700	6.8	15.5	330	130	120	6.9
299	SC00706807BBB1	392747105031100	035	111AVMT	76-10-15	21	11.8	1130	7.1	12.0	600	240	170	42
300	SC00706810DBA1	392724104590700	035	111ALFP	76-08-19	18	—	515	6.6	12.5	240	80	84	6.3
301	SC00706813CDC1	392610104571600	035	111ALFP	76-08-24	60	30.3	365	6.8	13.5	170	61	60	5.4
302	SC00706813CDC2	392607104572001	035	111ALFP	60-09-16	46	—	389	6.6	14.0	166	61	57	5.8
303	SC00706814CBC1	392620104583800	035	111AVMT	76-09-01	9	5.3	203	6.7	15.0	72	46	24	2.9
304	SC00706814DCC1	392606104580400	035	111AVMT	76-07-23	67	18.2	420	6.5	10.5	200	76	67	6.9
305	SC00706822AAA1	392600104585100	035	111ALFP	76-09-03	20	16.0	320	6.9	13.0	140	38	43	6.7
306	SC00706822AAB1	392601104585700	035	111ALFP	76-09-03	18	8.5	395	6.9	13.0	190	57	65	6.1
307	SC00706823ADC1	392542104574900	035	111ALFP	76-07-23	55	22.9	325	6.8	12.5	140	26	47	6.2
308	SC00706827ACA1	392457104590800	035	111ALFP	76-08-12	16	8.1	250	6.5	14.0	97	27	28	6.6

Table 2. -- Chemical analyses of water from wells - Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
288	19	0.6	3.1	174	0	143	40	13	0.5	27	251	—	0.12	0.11	1	30	90	70	2
289	26	.6	3.8	209	0	171	45	56	.3	40	528	—	29	.12	3	40	60	10	4
290	18	.6	2.4	183	0	150	29	8.0	.3	40	250	4.6	—	—	—	—	30	0	—
291	26	.9	2.2	218	0	179	20	9.3	.6	31	259	—	.08	.01	3	60	5800	560	0
292	25	.7	4.0	136	0	112	40	31	.4	35	450	—	35	.20	3	50	50	0	2
293	11	.4	3.4	106	0	87	52	9.9	1.1	27	210	—	1.5	.14	0	—	10	260	3
294	11	.4	2.6	125	0	103	53	12	.6	34	257	—	4.9	.10	0	30	20	0	5
295	98	4.7	18	91	0	75	81	120	.5	2.7	392	—	.06	.01	0	480	10	10	0
297	5.8	.3	4.8	73	0	60	27	13	.2	30	172	—	3.9	.25	3	30	10	10	3
298	23	.6	4.9	243	0	199	110	42	.9	41	488	—	4.3	.02	0	20	30	30	6
299	58	1.0	3.7	440	0	361	300	25	.5	18	844	—	2.2	.05	0	100	10	0	1
300	17	.5	3.7	190	0	156	74	19	.8	25	345	—	4.8	.04	0	40	10	20	10
301	11	.4	3.1	135	0	111	54	9.2	.8	29	255	—	3.3	.07	0	30	750	0	10
302	14	.5	—	128	0	105	53	11	—	30	275	15	—	—	—	—	110	0	—
303	6.5	.3	3.7	32	0	26	23	10	.3	26	147	—	7.8	.14	1	30	30	10	1
304	15	.5	3.2	146	0	120	71	15	1.2	26	286	—	1.9	.11	1	60	10	10	2
305	14	.5	2.9	118	0	97	50	11	1.9	23	212	—	.09	.04	0	40	440	420	0
306	14	.4	2.8	159	0	130	60	9.8	1.2	28	267	—	.32	.04	1	40	30	0	1
307	12	.4	2.4	143	0	117	40	5.9	1.6	20	207	—	.10	.02	1	30	780	260	1
308	10	.4	2.2	85	0	70	21	14	.9	23	150	—	.53	.03	0	20	60	10	1

Table 2.-- Chemical analyses of water from wells - Continued

Site number on plate	Local well number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Depth of well (ft)	Depth to water below land surface (ft)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
309	SC00706828BCC1	392453105005800	035	111AVMT	76-09-15	41	31.9	395	6.7	11.0	180	80	56	10
310	SC00706832BAA1	392414105013600	035	111ALFP	76-08-05	25	11.3	550	6.8	16.0	300	73	83	23
311	SC00706836ACC1	392358104570300	035	111AVMT	76-08-19	100	50.2	225	6.8	18.0	99	3	37	1.5
312	SC00706902DAB1	392814105043500	035	111ALFP	76-10-13	20	4.0	965	7.1	14.0	480	290	140	32
313	SC00706911DDA1	392706105042400	035	111ALFP	76-10-13	19	13.5	1165	7.2	12.0	670	350	190	48
314	SC00706912DDD1	392657105032100	035	111ALFP	76-10-12	19	10.4	1325	7.1	14.0	600	290	170	43
315	SC00706924CDD1	392516105035400	035	111ALFP	76-10-13	60	17.0	300	7.1	17.0	130	8	38	9.6
316	SC00707121DDA1	392511105200600	059	400PLMB	73-12-13	220	—	411	7.8	10.0	130	25	48	2.5
316	SC00707121DDA1	392511105200600	059	400PLMB	75-05-16	220	—	405	—	10.5	130	20	47	2.2
316	SC00707121DDA1	392511105200600	059	400PLMB	75-09-19	220	—	404	—	12.0	130	36	48	2.4
316	SC00707121DDA1	392511105200600	059	400PLMB	75-12-04	220	—	375	—	10.0	130	33	47	2.5
317	SC00806602BAA1	392324104445500	035	124DWSN	76-11-01	81	48.7	395	6.8	13.0	160	40	51	7.1
318	SC00806602CCC2	392239104451600	035	111ALFP	76-11-03	62	9.2	300	6.7	10.0	110	0	35	5.6
319	SC00806602CCD1	392239104451300	035	111AVMT	76-11-03	16	7.8	410	6.8	10.0	170	0	53	9.8
320	SC00806603DDB1	392245104453101	035	111ALFP	77-05-12	54	—	265	7.1	11.5	110	0	33	5.5
321	SC00806610ABA1	392235104454501	035	111AVMT	58-02-04	52	—	210	7.3	8.0	83	0	26	4.4
322	SC00806711BAA1	392234104513800	035	111AVMT	76-06-09	46	—	625	6.4	12.5	260	120	88	10
323	SC00806711BAC1	392230104513900	035	111AVMT	58-02-04	90	—	446	6.9	12.0	175	86	58	7.3
324	SC00806801ACB1	392311104565600	035	111AVMT	76-07-30	44	35.5	1260	6.7	14.0	550	340	180	24
325	SC00806805ADB1	392312105010800	035	111ALFP	76-08-05	35	18.5	263	6.4	11.0	100	21	30	6.9

Table 2. -- Chemical analyses of water from wells – Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
309	10	0.3	2.6	123	0	101	64	13	0.6	31	270	—	4.9	0.07	0	20	60	0	7
310	9.3	.2	3.8	279	0	229	69	3.1	.5	26	362	—	1.4	.26	1	70	10	0	6
311	6.3	.3	3.3	117	0	96	15	1.4	1.3	15	139	—	.07	.01	0	20	20	30	0
312	42	.8	4.1	234	0	192	320	37	.6	19	713	—	.66	.02	1	200	0	10	6
313	15	.3	3.2	389	0	319	380	8.7	.4	26	865	—	.14	.37	5	50	70	380	0
314	100	1.8	3.5	385	0	316	460	15	.4	23	1020	—	2.8	.07	1	170	10	10	28
315	12	.5	2.0	154	0	126	19	2.3	.5	21	182	—	.24	.06	1	20	20	0	1
316	33	1.3	.8	128	0	105	86	2.4	3.7	12	252	—	.15	.02	—	—	90	100	2
316	33	1.3	1.1	130	—	107	78	2.3	3.9	11	243	—	.03	.01	1	—	550	80	—
316	33	1.3	.8	114	—	94	90	3.0	3.4	9.8	248	—	.01	.02	—	—	920	50	—
316	33	1.3	.9	116	—	95	81	2.5	3.4	7.6	236	—	.03	.00	—	—	550	80	—
317	16	.6	2.3	142	0	116	22	24	.3	32	256	—	6.9	.08	1	30	50	10	2
318	14	.6	2.0	145	0	119	18	4.2	.6	35	191	—	.08	.05	1	40	4300	310	0
319	25	.8	.7	232	0	190	17	7.5	.6	42	271	—	.01	.14	4	70	60	10	0
320	12	.5	3.5	130	0	107	15	6.1	.5	31	178	—	1.4	.33	2	20	40	60	1
321	10	.5	2.4	101	0	83	16	3.0	.3	36	149	1.2	—	—	—	—	370	0	—
322	21	.6	3.6	169	0	139	130	28	.3	36	419	—	4.1	.23	2	—	20	0	7
323	19	.6	3.6	108	0	89	85	22	.3	36	296	12	—	—	—	—	570	0	—
324	27	.5	49	260	0	213	190	110	.8	26	864	—	29	.26	1	50	10	20	2
325	13	.6	1.6	100	0	82	16	20	.8	16	155	—	.31	.01	0	20	30	0	0

Table 3.--*Records of springs*

EXPLANATION OF DATA

COUNTY:
- 013 = Boulder County
- 035 = Douglas County
- 059 = Jefferson County

AQUIFER:
- Holocene and Pleistocene
  - 111ALFP--Alluvium, flood plain
  - 111AVMT--Alluvium, terrace
  - 111VLFL--Valley-fill deposits
- Eocene
  - 124DWSN--Dawson Arkose
- Cretaceous
  - 210DKOT--Dakota Group
- Permian
  - 310LYNS--Lyons Formation
- Precambrian
  - 400PCMB--Precambrian Erathem

USE OF WATER:
- H = Domestic
- R = Recreation
- S = Stock watering

Table 3.-- Records of springs – Continued

Site number on plate 1	Local spring number	Site identification number	County	Aquifer	Discharge (gal/min)		Date discharge determined	Use of water	Altitude of land surface (ft)	Chemical analysis in table 4
					Measured	Estimated or reported				
S1	SC00107125DAC1	395558105164600	013	310LYNS	—	—	—	R	5800	Yes
S2	SC00306920DCD1	394615105080301	059	111VLFL	—	100	1-12-77	H	5455	Yes
S3	SC00606805CDA1	393311105014100	035	111VLFL	—	65	10-15-76	S	5475	Yes
S4	SC00606820DCB1	393035105013200	035	111ALFP	—	1	9-29-76	S	5515	Yes
S5	SC00606935AAD1	392926105043100	035	111ALFP	—	6	10-14-76	S	5525	Yes
S6	SC00706627ADA1	392456104452700	035	124DWSN	—	2	2-8-77	S	6120	Yes
S7	SC00706817ADD1	392635105010300	035	111AVMT	—	.2	9-16-76	S	5880	Yes
S8	SC00706827CDB1	392430104593500	035	111ALFP	—	.1	8-11-76	S	6015	Yes
S9	SC00706830DBD1	393437105023000	035	210DKOT	—	1	9-15-76	S	6230	Yes
S10	SC00706901ADA1	392826105031900	035	111AVMT	3	—	10-14-76	H	5670	Yes
S11	SC00806805ACD1	392304105012200	035	111ALFP	—	10	8-5-76	H	6480	Yes

Table 4.--*Chemical analyses of water from springs*

EXPLANATION OF DATA

COUNTY:

013 = Boulder County
035 = Douglas County
059 = Jefferson County

AQUIFER:

Holocene and Pleistocene
- 111ALFP--Alluvium, flood plain
- 111AVMT--Alluvium, terrace
- 111VLFL--Valley-fill deposits

Eocene
- 124DWSN--Dawson Arkose

Cretaceous
- 210DKOT--Dakota Group

Permian
- 310LYNS--Lyons Formation

Precambrian
- 400PCMB--Precambrian Erathem

UNITS:

micromhos = micromhos per centimeter at 25° Celsius
°C = degree Celsius
mg/L = milligram per liter
µg/L = microgram per liter

1 milligram per liter = 1,000 micrograms per liter

Table 4.-- Chemical analyses of water from springs – Continued

Site number on plate	Local spring number	Site identification number	County	Aquifer	Date of sample (Y-M-D)	Discharge (gal/min) Measured	Discharge (gal/min) Estimated or reported	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Noncarbonate hardness (mg/L)	Dissolved calcium (Ca) (mg/L)	Dissolved magnesium (Mg) (mg/L)
S1	SC00107125DAC1	395558105164600	013	310LYNS	76-04-26	—	—	120	—	25.0	41	6	11	3.4
S2	SC00306920DCD1	394615105080301	059	111VLFL	77-01-12	—	100	809	7.1	13.0	270	0	79	18
S3	SC00606805CDA1	393311050141 00	035	111VLFL	76-10-15	—	65	500	7.2	12.5	200	42	57	13
S4	SC00606820DCB1	393035105013200	035	111ALFP	76-09-29	—	1	735	6.8	14.5	280	220	91	13
S5	SC00606935AAD1	392926105043100	035	111ALFP	76-10-14	—	6	1500	7.2	13.5	660	360	170	57
S6	SC00706627ADA1	392456104452700	035	124DWSN	77-02-08	—	2	260	6.9	7.0	110	0	35	4.3
S7	SC00706817ADD1	392635105010300	035	111AVMT	76-09-16	—	.2	340	6.8	14.5	150	20	46	8.1
S8	SC00706827CDB1	392430104593500	035	111ALFP	76-08-11	—	.1	270	6.6	14.0	110	19	31	6.8
S9	SC00706830DBD1	393437105023000	035	210DKOT	76-09-15	—	1	470	7.9	18.0	170	0	46	14
S10	SC00706901ADA1	392826105031900	035	111AYMT	76-10-14	3	—	1280	7.1	12.5	560	290	150	44
S11	SC00806805ACD1	392304105012200	035	111ALFP	76-08-05	—	10	280	6.8	13.5	120	17	34	7.5

Table 4. -- Chemical analyses of water from springs — Continued

Site number on plate 1	Dissolved sodium (Na) (mg/L)	Sodium adsorption ratio	Dissolved potassium (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Alkalinity as $CaCO_3$ (mg/L)	Dissolved sulfate (SO_4) (mg/L)	Dissolved chloride (Cl) (mg/L)	Dissolved fluoride (F) (mg/L)	Dissolved silica (SiO_2) (mg/L)	Dissolved solids (sum of constituents) (mg/L)	Dissolved nitrate (NO_3) (mg/L)	Dissolved nitrite plus nitrate (N) (mg/L)	Dissolved ortho phosphorus (P) (mg/L)	Dissolved arsenic (As) (µg/L)	Dissolved boron (B) (µg/L)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved selenium (Se) (µg/L)
S1	6.8	0.5	3.3	43	—	35	21	1.0	0.2	15	87	—	0.89	0.05	7	20	20	0	1
S2	73	1.9	1.4	360	0	295	97	20	.7	26	519	—	6.0	.06	0	80	40	10	1
S3	27	.8	3.6	187	0	153	57	35	.9	18	305	—	.27	.02	1	30	30	60	1
S4	29	.8	6.5	71	0	58	120	16	1.6	23	508	—	39	.04	1	60	10	120	0
S5	130	2.2	5.1	368	0	302	530	42	.9	19	1140	—	.29	.03	0	200	70	450	2
S6	12	.5	1.7	130	0	107	6.8	6.4	.6	33	173	—	2.0	.10	4	20	140	0	2
S7	7.9	.3	4.3	156	0	128	33	2.5	.6	31	216	—	.13	.03	4	40	4200	500	0
S8	12	.5	2.0	105	0	86	20	14	1.1	25	166	—	.39	.05	0	30	140	120	0
S9	13	.4	21	236	0	194	6.1	9.9	.3	22	251	—	.06	.50	1	130	270	80	0
S10	94	1.7	3.0	324	0	266	360	45	.4	20	938	—	14	.04	1	150	20	10	39
S11	13	.5	1.9	121	0	99	17	18	.8	20	173	—	.29	.03	0	30	10	0	0

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