

RECORDS OF WELLS AND CHEMICAL ANALYSES OF WATER FROM WELLS  
FOR THE PERIOD JUNE 13, 1984 TO DECEMBER 4, 1986 AT THE  
MAXEY FLATS RADIOACTIVE WASTE DISPOSAL SITE, KENTUCKY  
by Mark A. Lyverse

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U.S. GEOLOGICAL SURVEY  
Open-File Report 87-214

Prepared in cooperation with the  
KENTUCKY NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET

Louisville, Kentucky

1987

UNITED STATES DEPARTMENT OF THE INTERIOR

DONALD PAUL HODEL, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

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For additional information  
write to:

District Chief  
U.S. Geological Survey  
2301 Bradley Avenue  
Louisville, Kentucky 40217

Copies of this report can be  
purchased from:

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## CONVERSION FACTORS

For use of readers who prefer to use International System (SI) units, rather than the inch-pound terms used in this report, the following conversion factors may be used:

<u>Multiply inch-pound unit</u>	<u>By</u>	<u>To obtain metric units</u>
foot (ft)	0.3048	meter (m)
acre	0.4047	square hectometer (hm <sup>2</sup> )
mile (mi)	1.609	kilometer (km)
microcuries per liter (μCi/L)	37000.0	becquerel per liter (Bq/L)

National Geodetic Vertical Datum of 1929 (NGVD of 1929): A Geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Mean Sea Level."



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ABSTRACT

Lithologic data are presented for 113 wells drilled at the Maxey Flats Radioactive Waste Disposal Site for the period June 13, 1984, to December 4, 1986. Water levels, tritium concentrations, and specific conductances are also presented for wells yielding sufficient water for measuring and sampling. At least one sample was collected from most wells for the determination of gross alpha and gross beta activity. These activities and the results for some other radionuclides are also presented.

INTRODUCTION

The purpose of this report is to assemble basic data collected from wells drilled at the Maxey Flats Radioactive Waste Disposal Site between June 13, 1984, and December 4, 1986. Location of the site is shown in figure 1 and well locations and identification numbers are shown in figure 2. Well data are presented in table 1, and water level and chemical quality data are presented in table 2.

Most of the data presented in this report were collected by the U.S. Geological Survey as part of the continuing investigation of ground-water conditions at the disposal site. This investigation is being conducted in cooperation with the Kentucky Natural Resources and Environmental Protection Cabinet (KNREPC). Some data included in this report were also collected by the Kentucky Cabinet for Human Resources and the KNREPC site custodial contractor (Westinghouse Energy System).

DESCRIPTION OF THE AREA AND BRIEF SITE GEOLOGY

Maxey Flats is in Fleming County and is part of the Knobs physiographic region of Northeastern Kentucky (fig. 1). The site consists of approximately 280 acres of State land. About 40 of these 280 acres are designated as a restricted area and access is controlled for the purpose of radiation

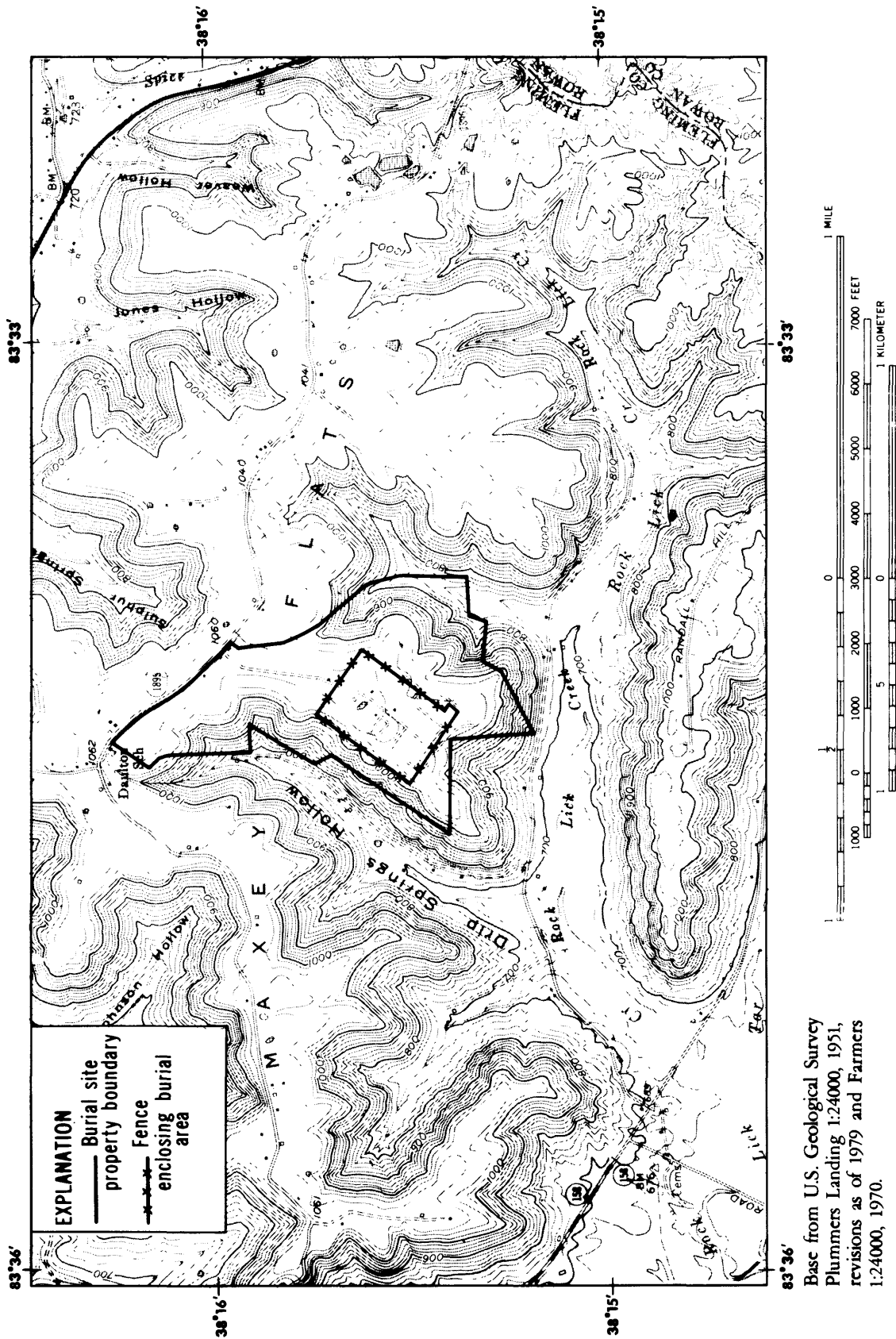


Figure 1.-- Location of the Maxey Flats site.

protection. Within the restricted area approximately 25 acres have been used for the disposal of low-level radioactive wastes. The site is on a flat-topped ridge about 300 to 400 feet above the surrounding valleys.

Mississippian and Devonian rocks that underlie the Knobs region are predominately shales, sandstones, and siltstones. All radioactive wastes were buried in the regolith at depths of less than 45 feet. Two sandstone beds were mapped in the regolith by McDowell and others in 1971. These beds were called the upper and lower sandstone beds. One bed (upper sandstone bed) is approximately in the middle, and the other (lower sandstone bed) is at the base of the regolith. Altitudes at the top of these beds and thickness of each bed (where known) are presented in table 1. All information from wells that is contained in this report is from the regolith.

### GROUND-WATER SAMPLING

Wells were sampled using a peristaltic pump or by the bailer method. Usually a 60 ml sample was removed from the borehole. An attempt was made to obtain data from all 113 wells. In some cases, measuring water levels and sampling was not possible because of insufficient water within the well.

Sampling frequency varied among wells. Those wells having high levels of tritium ( $>0.003$  microcuries per milliliter) and nearby wells were sampled every 4 to 5 weeks. Other wells were sampled quarterly or semi-annually.

### LABORATORY ANALYSES

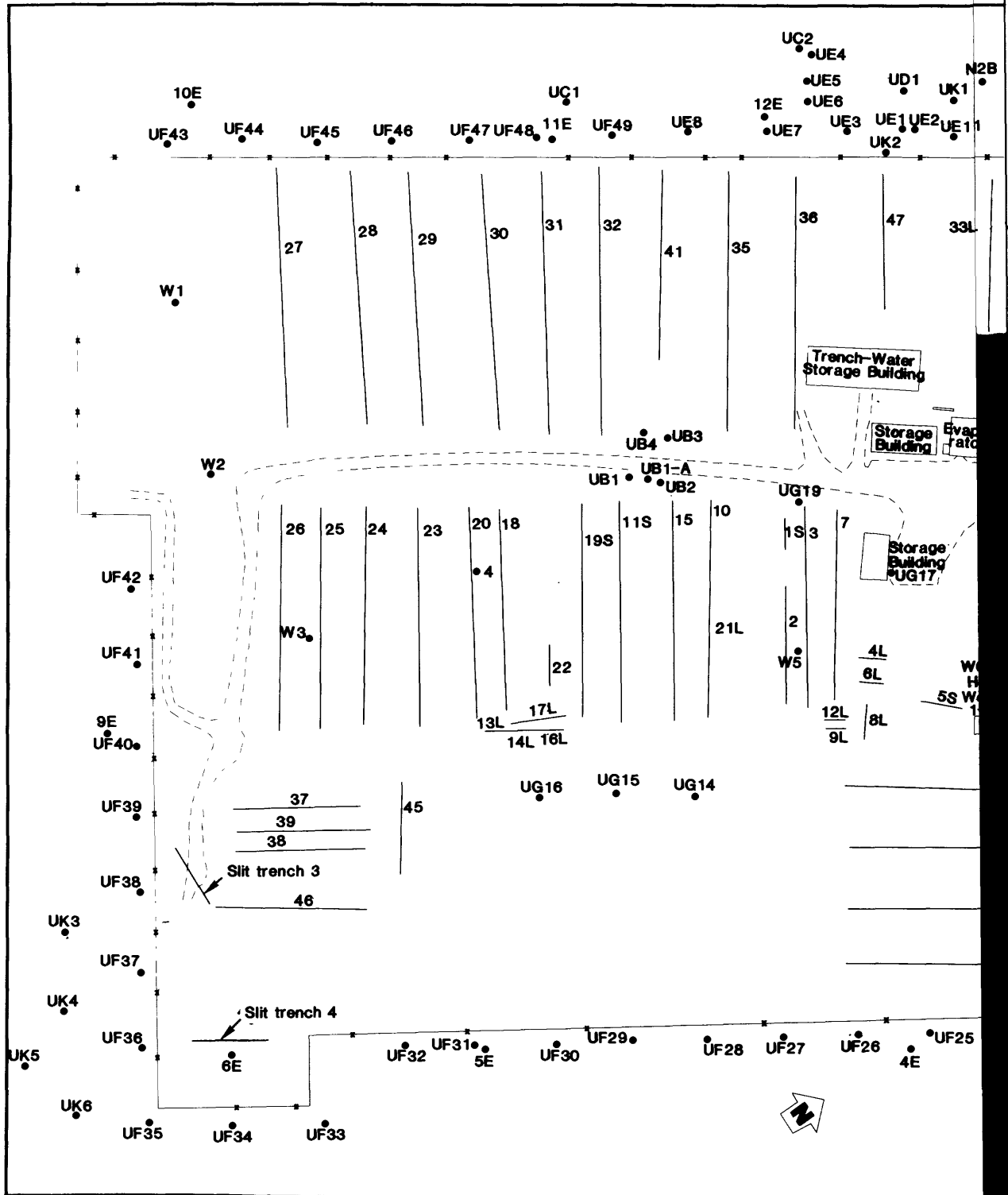
Concentrations of sampled constituents are listed in table 2. Analyses were completed at either the Kentucky Cabinet for Human Resources laboratory in Frankfort, Kentucky, or by the KNREPC custodial contractor laboratory at the burial site. Procedures for sample analyses follow and are adapted from Westinghouse Energy Systems.

#### Tritium Oxide

A liquid aliquot of the sample is distilled and a portion is combined with a scintillation cocktail for analyses performed by the Kentucky Cabinet for Human Resources. The sample is then counted for 100 minutes in a liquid scintillation spectrometer. The liquid aliquot is filtered with a 0.45 micron filter for analyses performed by the KNREPC site laboratory.

#### Total Gross Alpha and Gross Beta Analysis

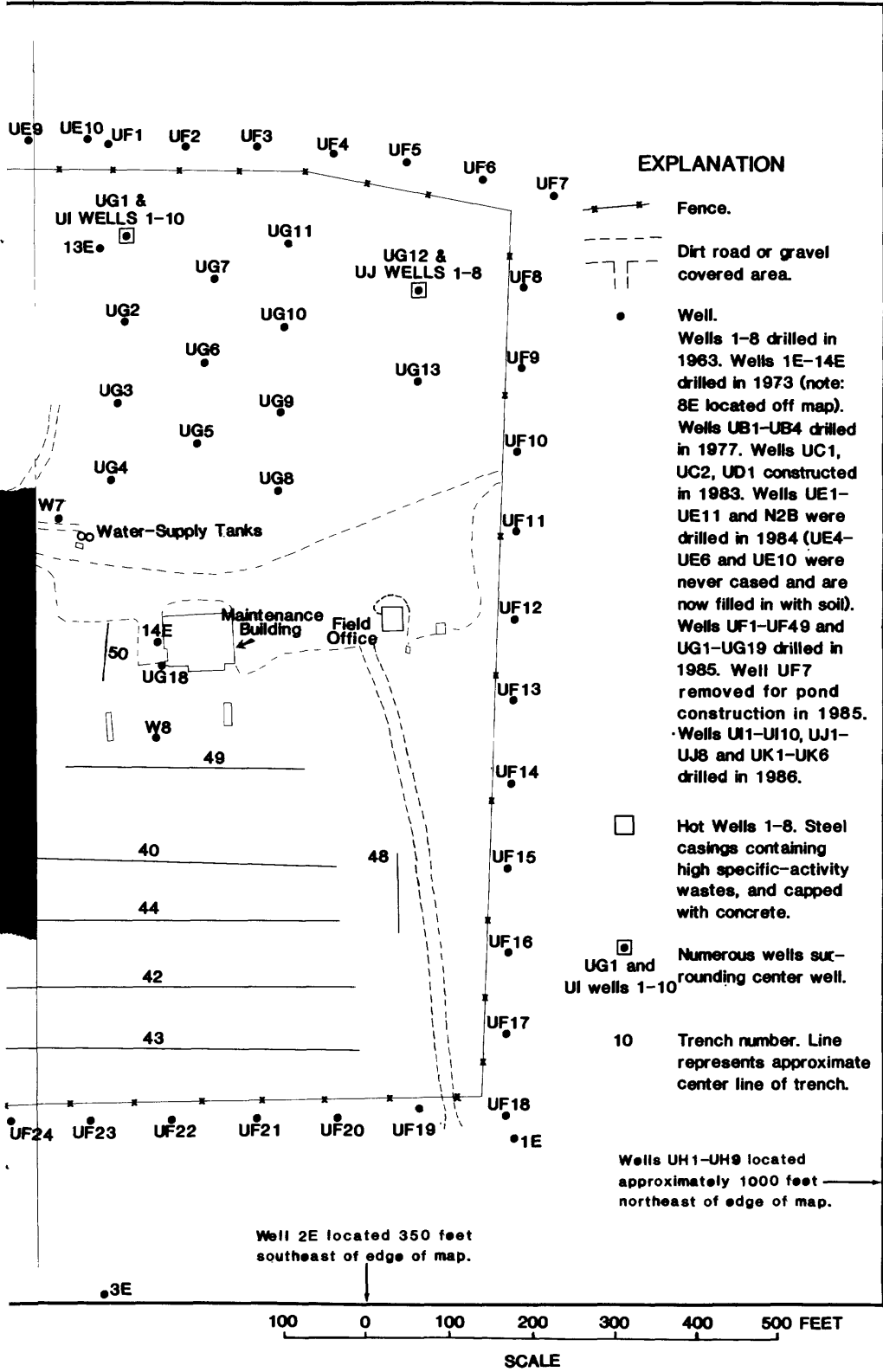
A portion (generally 30-50 ml) of a sample is evaporated to dryness and plated onto a 2-inch stainless steel prepared planchet for counting. The planchet is counted for 50 minutes for beta and alpha in a low-background gas-flow proportional counter. Results are corrected for detector efficiency, background and sample self-absorption, and the activities are calculated.



Modified base map (1978) reproduced by permission of Dames and Moore, White Plains, New York.

Figure 2.-- Maxey Flats site





and trench and well locations.

### Gamma Emitting Radionuclides

The prepared sample (from alpha/beta analysis) is placed on a lithium-doped germanium diiodide detector which is contained in a shielded low-background counting chamber. A gamma emission spectrum is developed for each sample. The gamma characteristic energies are evaluated to determine which particular radionuclides are present and a computer converts digital data to a video displayed spectrum and calculates concentrations of activity.

#### REFERENCES CITED

- McDowell, R. C., Peck J. H., and Mytton, J. W., 1971, Geologic map of the Plummers Landing quadrangle, Fleming and Rowan Counties, Kentucky: U.S. Geological Survey Geologic Quadrangle Map GQ-964.
- Westinghouse Hittman Nuclear, Inc., 1985, Results of the environmental monitoring program at the Maxey Flats nuclear waste disposal site in Fleming County, Kentucky: January 1984 through December 1984; 185 p.

Table 1.--Record of wells

[A, Drilling began below altitude of sandstone bed; B, Entire thickness of sandstone bed not penetrated; C, Sandstone bed was not detected by drilling; LSS, Lower sandstone bed; UN, Unweathered shale; Altitude, in feet, refers to distance above the NGVD of 1929]

Well	Date drilled	Depth below land surface, in feet	Lithology of screened interval	Diam. of finished well, in inches	Land surface altitude, in feet	Altitude of top of upper sandstone bed, in feet	Altitude of top of lower sandstone bed, in feet	Thickness of upper sandstone bed, in feet	Thickness of lower sandstone bed, in feet	Remarks
N2B	06-13-84	9.9	LSS	2.0	1044.1	A	1034.2	--	B	Hand augered by site custodial contractor.
UE1	07-31-84	15.9	LSS	1.5	1049.3	1046.7	1033.4	2.2	B	
UE2	07-31-84	15.9	LSS	1.5	1049.5	1047.0	1033.6	2.5	B	
UE3	07-31-84	15.9	LSS	1.5	1049.7	1047.1	1033.8	2.4	B	
UE4	07-31-84	33.2	--	1.5	1041.7	A	C	--	B	Destroyed in August 1984.
UE5	07-31-84	9.3	--	--	1043.4	A	1035.8	--	B	Destroyed in August 1984.
UE6	07-31-84	11.8	--	--	1046.8	A	1034.9	--	B	Destroyed in August 1984. Sandstone bed at 1042.3-1042.9.
UE7	08-01-84	21.6	UN	1.5	1050.0	1047.2	1034.8	1.1	1.0	
UE8	08-01-84	26.2	UN	1.5	1052.4	C	1032.8	--	.2	
UE9	08-01-84	18.9	LSS	1.5	1050.8	1046.9	1032.2	2.0	B	
UE10	08-01-84	18.4	--	--	1050.4	1045.9	1032.0	1.8	B	Drilled hole filled in 8-10-84.
UE11	08-02-84	16.7	LSS	1.5	1049.4	C	1032.7	--	B	
UF1	06-26-85	18.2	LSS	2.5	1049.8	1045.8	1032.0	1.5	B	
UF2	06-26-85	13.2	LSS	2.5	1044.8	A	1031.8	--	B	
UF3	06-26-85	13.4	LSS	2.5	1045.2	A	1032.3	--	B	
UF4	06-26-85	13.4	LSS	2.5	1044.7	A	1031.4	--	B	
UF5	06-27-85	17.5	LSS	2.5	1047.9	1044.2	1031.0	1.6	B	
UF6	06-28-85	16.2	LSS	2.5	1047.2	1044.8	1031.1	1.6	B	
UF7	06-28-85	16.7	LSS	2.5	1047.0	1044.8	1030.4	1.7	B	Casing removed July 1985 for pond construction.

Table 1. -- Record of wells--Continued

[A, Drilling began below altitude of sandstone bed; B, Entire thickness of sandstone bed not penetrated; C; Sandstone bed was not detected by drilling; LSS, Lower sandstone bed; UN, Unweathered shale; Altitude, in feet, refers to distance above the NGVD of 1929]

Well	Date drilled	Depth below land surface, in feet	Lithology of screened interval	Diam. of finished well, in inches	Land surface altitude, in feet	Altitude of top of upper sandstone bed, in feet	Altitude of top of lower sandstone bed, in feet	Thickness of upper sandstone bed, in feet	Thickness of lower sandstone bed, in feet	Remarks
UF8	07-01-85	21.2	LSS	2.5	1051.9	1044.2	1031.0	1.8	B	
UF9	07-01-85	24.2	LSS	2.5	1055.3	1044.1	1031.4	1.7	B	
UF10	07-01-85	27.8	LSS	2.5	1057.5	1042.7	1029.8	1.7	B	
UF11	07-02-85	26.0	LSS	2.5	1056.1	1043.4	1030.2	1.7	B	
UF12	07-09-85	24.8	LSS	2.5	1054.3	1043.1	1029.5	2.0	B	
UF13	07-09-85	23.8	LSS	2.5	1053.0	1042.4	1029.5	1.7	B	
UF14	07-10-85	23.2	LSS	2.5	1052.0	C	1028.9	--	B	
UF15	07-11-85	20.3	LSS	2.5	1049.0	1042.2	1028.8	1.5	B	
UF16	07-11-85	17.5	LSS	2.5	1046.0	1042.9	1029.3	1.5	B	
UF17	07-11-85	42.0	UN	2.5	1043.8	1039.8	1029.6	.5	0.8	Sandstone beds at 1021.2-1021.7; 1020.1-1020.7.
UF18	07-12-85	41.9	UN	2.5	1042.4	See Remarks	C	--	--	Sandstone rubble near ground surface. Sandstone beds at 1024.3-1024.6; 1023.3-1023.7; 1000.5-1000.7.
UF19	07-12-85	41.3	UN	2.5	1044.5	C	1033.2	--	.8	Sandstone beds at 1024.5-1024.9; 1022.4-1022.6; 1021.3-1021.5; 1020.4-1020.6; 1022.7-1022.9; 1010.4-1010.6.
UF20	07-23-85	41.5	UN	2.5	1044.6	C	1032.3	--	.7	Sandstone beds at 1023.1-1023.3; 1021.0-1021.3; 1016.2-1016.5; 1005.4-1005.2.

Table 1. -- Record of wells--Continued

[A, Drilling began below altitude of sandstone bed; B, Entire thickness of sandstone bed not penetrated; C; Sandstone bed was not detected by drilling; LSS, Lower sandstone bed; UN, Unweathered shale; Altitude, in feet, refers to distance above the NGVD of 1929]

Well	Date drilled	Depth below land surface, in feet	Lithology of screened interval	Diam. of finished well, in inches	Land surface altitude, in feet	Altitude of top of upper sandstone bed, in feet	Altitude of top of lower sandstone bed, in feet	Thickness of upper sandstone bed, in feet	Thickness of lower sandstone bed, in feet	Remarks
UF21	07-23-85	35.1	UN	2.5	1040.8	A	1033.8	--	2.4	Sandstone beds at 1009.3-1009.7; 1008.0-1008.2; 1005.7-1006.1.
UF22	07-23-85	31.4	UN	2.5	1035.0	A	1031.5	--	--	Lower sandstone bed broken; thickness hard to determine.
UF23	07-24-85	26.6	UN	2.5	1030.0	A	A	--	--	Sandstone beds at 1016.1-1016.3; 1008.8-1009.5; 1003.6-103.7.
UF24	07-24-85	26.8	UN	2.5	1030.9	A	A	--	--	Sandstone beds at 1008.3-1008.4; 1005.1-1005.6.
UF25	07-24-85	28.2	UN	2.5	1035.0	A	1033.3	--	.7	Sandstone beds at 1015.5-1015.8; 1007.9-1008.1.
UF26	07-24-85	25.5	UN	2.5	1030.8	A	A	--	--	Sandstone beds at 1016.9-1017.2; 1015.1-1015.2.
UF27	07-25-85	16.5	UN	2.5	1021.7	A	A	--	--	Sandstone bed at 1005.8-1006.1.
UF28	07-25-85	19.2	UN	2.5	1019.6	A	A	--	--	Sandstone bed at 1005.5-1005.8.
UF29	07-25-85	20.3	UN	2.5	1021.1	A	A	--	--	Sandstone beds at 1002.1-1002.4; 1000.5-1001.0. Altitude at top of sandstone bed (probably Farmers Member) is 1001.2.

Table 1. -- Record of wells--Continued

[A, Drilling began below altitude of sandstone bed; B, Entire thickness of sandstone bed not penetrated; C, Sandstone bed was not detected by drilling; LSS, Lower sandstone bed; UN, Unweathered shale; Altitude, in feet, refers to distance above the NGVD of 1929]

Well	Date drilled	Depth below land surface, in feet	Lithology of screened interval	Diam. of finished well, in inches	Land surface altitude, in feet	Altitude of top of upper sandstone bed, in feet	Altitude of top of lower sandstone bed, in feet	Thickness of upper sandstone bed, in feet	Thickness of lower sandstone bed, in feet	Remarks
UF30	07-31-85	23.6	UN	2.5	1024.4	A	A	--	--	Sandstone bed at 1002.5-1002.7. Altitude at top of sandstone bed (probably Farmers Member) is 1001.4.
UF31	07-31-85	29.3	UN	2.5	1030.4	A	A	--	--	Sandstone beds at 1005.0-1005.1; 1003.2-1003.3. Altitude at top of sandstone bed (probably Farmers Member) is 1001.3.
UF32	07-31-85	31.4	UN	2.5	1035.9	A	1032.0	--	2.3	Sandstone beds at 1012.4-1012.5; 1012.5-1012.6.
UF33	08-13-85	14.8	UN	2.5	1038.2	A	1028.7	--	.2	Sandstone bed at 1023.4-1023.8.
UF34	08-13-85	21.7	UN	2.5	1041.3	A	1028.9	--	.4	Sandstone bed at 1023.0-1023.3.
UF35	08-13-85	21.5	UN	2.5	1043.6	A	1029.1	--	.2	Sandstone beds at 1025.5-1025.7; 1024.0-1024.2.
UF36	08-13-85	62.6	UN	2.5	1046.1	1043.3	1031.0	0.9	.2	Backfilled hole, well screen open to lower sandstone bed.
UF37	08-13-85	15.8	LSS	2.5	1047.7	1043.2	1032.5	1.5	.5	
UF38	08-14-85	13.1	LSS	2.5	1046.8	C	1034.2	--	.4	

Table 1. -- Record of wells--Continued

[A, Drilling began below altitude of sandstone bed; B, Entire thickness of sandstone bed not penetrated; C; Sandstone bed was not detected by drilling; LSS, Lower sandstone bed; UN, Unweathered shale; Altitude, in feet, refers to distance above the NGVD of 1929]

Well	Date drilled	Depth below land surface, in feet	Lithology of screened interval	Diam. of finished well, in inches	Land surface altitude, in feet	Altitude of top of sandstone bed, in feet	Altitude of top of lower sandstone bed, in feet	Thickness of upper sandstone bed, in feet	Thickness of lower sandstone bed, in feet	Remarks
UF39	08-14-85	16.8	UN	2.5	1043.6	C	C	--	--	Sandstone bed at 1028.5-1028.8.
UF40	08-14-85	7.1	LSS	2.5	1041.8	A	1035.6	--	B	
UF41	08-14-85	33.3	UN	2.5	1041.1	A	1034.1	--	1.5	Sandstone beds at 1023.9-1024.0; 1020.6-1020.8; 1008.5-1008.8.
UF42	08-14-85	11.5	LSS	2.5	1038.6	A	1033.3	--	B	
UF43	08-29-85	22.0	UN	2.5	1051.7	C	1034.7	--	.1	
UF44	08-29-85	20.8	UN	2.5	1052.7	C	1034.6	--	.3	
UF45	08-29-85	18.9	UN	2.5	1053.1	C	1035.2	--	.4	
UF46	08-29-85	20.3	UN	2.5	1051.6	C	1033.6	--	.4	
UF47	08-29-85	27.2	UN	2.5	1051.4	C	1033.6	--	.2	Sandstone beds at 1031.8-1032.0; 1027.2-1027.4; 1024.2-1024.3.
UF48	08-15-85	12.3	UN	2.5	1051.6	C	See Remarks	--	--	Sandstone bed (lower?) at 1039.3-1039.7.
UF49	08-15-85	16.6	UN	2.5	1053.2	1050.0	See Remarks	1.4	--	Sandstone bed (lower?) at 1038.0-1038.4.
UG1	06-25-85	20.2	LSS	2.5	1052.4	1044.8	1032.2	1.3	B	
UG2	08-15-85	24.6	LSS	2.5	1054.4	1045.7	1031.0	1.4	.5	
UG3	08-21-85	30.0	UN	2.5	1055.5	1047.4	C	.4	--	
UG4	08-21-85	24.9	LSS	2.5	1056.3	1046.3	1031.8	1.3	B	
UG5	08-21-85	25.3	LSS	2.5	1056.6	1045.7	1031.5	.9	.5	
UG6	08-22-85	27.0	UN	2.5	1055.8	1044.8	C	1.4	--	

Table 1. -- Record of wells--Continued

[A, Drilling began below altitude of sandstone bed; B, Entire thickness of sandstone bed not penetrated; C, Sandstone bed was not detected by drilling; LSS, Lower sandstone bed; UN, Unweathered shale; Altitude, in feet, refers to distance above the NGVD of 1929]

Well	Date drilled	Depth below land surface, in feet	Lithology of screened interval	Diam. of finished well, in inches	Land surface altitude, in feet	Altitude of top of upper sandstone bed, in feet	Altitude of top of lower sandstone bed, in feet	Thickness of upper sandstone bed, in feet	Thickness of lower sandstone bed, in feet	Remarks
UG7	08-22-85	23.3	LSS	2.5	1053.5	1044.4	1030.6	1.3	0.4	
UG8	08-27-85	27.9	LSS	2.5	1058.1	1044.9	1030.4	1.9	B	
UG9	08-27-85	26.9	LSS	2.5	1057.6	1045.0	1030.8	1.7	B	
UG10	08-28-85	24.6	LSS	2.5	1055.2	1043.9	1030.7	1.4	B	
UG11	08-28-85	21.7	LSS	2.5	1051.6	1042.5	1030.0	1.4	B	
UG12	08-28-85	24.0	UN	2.5	1053.5	1043.6	1030.9	1.4	.2	
UG13	08-28-85	25.5	LSS	2.5	1056.5	1044.4	1031.3	1.7	B	
UG14	09-05-85	24.8	UN	2.5	1037.6	A	1032.6	--	.2	Sandstone bed at 23.4-23.5.
UG15	09-05-85	6.5	LSS	2.5	1039.7	A	1036.0	--	2.0	
UG16	09-05-85	9.8	LSS	2.5	1043.6	C	1034.9	--	B	
UG17	09-18-85	22.5	LSS	2.5	1051.5	1048.0	1029.0	.7	.4	
UG18	09-18-85	23.2	LSS	2.5	1055.3	1045.4	1032.4	.8	B	
UG19	09-18-85	21.0	LSS	2.5	1055.8	C	1034.9	--	B	
UH1	07-15-86	11.2	LSS	2.5	1036.1	A	1026.1	--	1.2	
UH2	07-15-86	10.1	LSS	2.5	1035.8	A	1026.3	--	B	
UH3	07-16-86	9.7	LSS	2.5	1035.6	A	1026.3	--	B	
UH4	07-16-86	10.9	LSS	2.5	1036.5	A	1026.2	--	B	
UH5	07-16-86	11.2	LSS	2.5	1037.1	A	1026.1	--	B	
UH6	07-16-86	12.4	LSS	2.5	1037.4	A	1026.2	--	1.2	
UH7	07-16-86	9.5	LS	2.	1035.1	A	1026.0	--	B	
UH8	07-16-86	8.7	LSS	2.5	1034.7	A	1026.3	--	B	
UH9	07-16-86	8.4	LSS	2.5	1034.2	A	1026.1	--	B	
UI1	07-16-86	20.5	LSS	2.5	1052.4	1045.3	1032.0	1.5	B	



Table 1. -- Record of wells--Continued

[A, Drilling began below altitude of sandstone bed; B, Entire thickness of sandstone bed not penetrated; C, Sandstone bed was not detected by drilling; LSS, Lower sandstone bed; UN, Unweathered shale; Altitude, in feet, refers to distance above the NGVD of 1929]

Well	Date drilled	Depth below land surface, in feet	Lithology of screened interval	Diam. of finished well, in inches	Land surface altitude, in feet	Altitude of top of upper sandstone bed, in feet	Altitude of top of lower sandstone bed, in feet	Thickness of upper sandstone bed, in feet	Thickness of lower sandstone bed, in feet	Remarks
U12	07-16-86	20.1	LSS	2.5	1052.0	1044.8	1032.0	1.3	B	
U13	07-17-86	21.3	LSS	2.5	1051.9	1044.5	1032.1	1.2	0.7	
U14	07-17-86	21.5	LSS	2.5	1052.0	1044.6	1031.9	1.3	.5	
U15	07-29-86	20.7	LSS	2.5	1052.3	1044.5	1032.1	1.4	B	
U16	07-29-86	21.7	LSS	2.5	1052.6	1044.5	1031.6	1.4	.4	
U17	07-30-86	21.2	LSS	2.5	1052.7	1044.6	1031.8	1.4	B	
U18	07-30-86	20.9	LSS	2.5	1052.7	1044.8	1032.0	1.5	B	
U19	07-30-86	21.2	LSS	2.5	1052.8	1044.9	1031.9	1.3	B	
U110	07-30-86	20.9	LSS	2.5	1052.6	1045.2	1031.9	1.5	B	
U11	07-31-86	22.4	LSS	2.5	1053.6	1043.7	1031.5	1.5	B	
U12	07-31-86	22.5	LSS	2.5	1053.4	C	1031.2	--	B	
U13	07-31-86	22.2	LSS	2.5	1053.4	1043.7	1031.4	1.3	B	
U14	08-01-86	23.0	LSS	2.5	1053.6	1043.6	1031.2	1.2	.3	
U15	08-06-86	23.3	LSS	2.5	1053.9	1043.8	1031.2	1.3	.2	
U16	08-06-86	22.8	LSS	2.5	1054.0	1043.8	1031.5	1.3	B	
U17	08-06-86	22.7	LSS	2.5	1054.0	1043.6	1031.5	1.4	B	
U18	08-06-86	22.5	LSS	2.5	1053.7	1043.6	1031.4	1.5	B	
UK1	08-13-86	12.2	LSS	2.5	1046.1	A	1034.2	--	B	
UK2	08-14-86	17.3	LSS	2.5	1051.2	1047.3	1034.2	1.9	B	
UK3	10-09-86	27.0	UN	2.5	1046.1	1043.6	1033.5	.9	.1	
UK4	10-09-86	21.2	UN	2.5	1046.6	1041.3	C	.3	--	Sandstone beds at 1025.4-1025.9; 1024.4-1024.6; 1021.9-1022.1; 1021.0-1021.4.

Table 1. -- Record of wells--Continued

[A, Drilling began below altitude of sandstone bed; B, Entire thickness of sandstone bed not penetrated; C, Sandstone bed was not detected by drilling; LSS, Lower sandstone bed; UN, Unweathered shale; Altitude, in feet, refers to distance above the NGVD of 1929]

Well	Date drilled	Depth below land surface, in feet	Lithology of screened interval	Diam. of finished well, in inches	Land surface altitude, in feet	Altitude of top of sandstone bed, in feet	Altitude of top of lower sandstone bed, in feet	Thickness of upper sandstone bed, in feet	Thickness of lower sandstone bed, in feet	Remarks
UK5	10-10-86	22.7	UN	2.5	1048.7	1045.6	1033.2	1.6	0.1	Sandstone beds at 1028.3-1028.4; 1026.0-1026.4.
UK6	10-10-86	16.4	UN	2.5	1047.4	1044.2C	C	.7	--	Sandstone beds at 1026.9-1027.1; 1026.2-1026.6.

Table 2.--Water-levels, radiochemical analyses, and specific conductance

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
N2B	06-13-84	A	1.23	--	1.8E-3	2.65E-4	
	06-27-84	A	--	3000			
	07-11-84	--	--	--			Strontium 90=1.38E-4; Plutonium 238=7.1E-5; Plutonium 239,40=5.0E-7
	09-12-84	1036.1	1.02	2950			
	10-12-84	1036.1	0.97	3100			
	10-23-84	--	--	--			Plutonium 238=3.2E-5; Plutonium 239,40=3.0E-7
	11-09-84	1036.1	1.00	3050			
	12-04-84	1035.4	1.01	3775			
	01-02-85	1035.4	1.8E-1	1700			
	03-12-85	1035.4	2.7E-2	4000			
	04-09-85	1035.1	4.2E-2	2300			
	05-06-85	1035.5	1.1E-1	2900			
	06-04-85	1035.4	1.8E-1	3000			
	07-03-85	1036.6	2.4E-1	3100			
	08-07-85	1035.9	4.5E-1	2850			
	09-07-85	1035.9	7.0E-1	3050			
	10-17-85	1035.7	7.7E-1	3500			
	11-13-85	1035.8	7.6E-1	3600			
	12-10-85	1035.9	3.5E-1	2800			
	01-08-86	1034.9	2.71E-1	2600			
	01-09-86	1035.3	3.0E-1	--			Sample taken before evacuating water in well. Sample taken during recovery of water in well.
	01-09-86	1035.1	8.8E-1	--			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	02-12-86	1035.0	6.3E-1	--			
	03-11-86	1035.6	3.0E-2	--			
	03-11-86	1035.4	1.8E-1	--			
	03-12-86	1035.6	1.1E-1	1900			
	04-15-86	1035.4	9.0E-2	2700			
	05-15-86	1035.4	7.0E-2	2400			
	06-11-86	1035.6	1.8E-1	2700			
	07-08-86	1035.6	2.7E-1	3000			
	08-05-86	1035.7	4.1E-1	3400			
	09-03-86	1035.9	6.4E-1	3600			
	10-02-86	1035.9	6.7E-1	3600			
	10-03-86	1035.9	<sup>a</sup> 6.8E-1	<sup>a</sup> 3210	<sup>a</sup> 8.0E-8	<sup>a</sup> 6.7E-7	
	11-03-86	1035.9	7.0E-1	3600			
	12-04-86	1035.4	6.5E-1	3400			
UE1	07-31-84	A	2.90	--	4.4E-4	2.7E-3	
	07-31-84	A	<sup>a</sup> 3.48	--			Sample taken before evacuating water in well. Sample taken during recovery of water in well.
	08-07-84	1036.0	--	2775			
	09-12-84	1036.3	2.09	--			
	09-25-84	--	2.00	--			
	10-12-84	1036.3	1.81	3100			
	11-09-84	1036.2	1.67	3000			
	01-02-85	1035.7	8.4E-1	2250			
	03-05-85	1035.4	1.09	2500			

Cobalt 60=5.3E-4;  
Cesium 137<6.5E-5

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	04-09-85	1035.1	1.07	3400			
	05-08-85	1035.2	1.14	3200			
	06-04-85	1035.8	1.7E-1	660			
	07-03-85	1035.6	6.7E-1	2300			
	08-07-85	1035.8	4.0E-1	1350			
	09-17-85	1035.7	5.6E-1	1875			
	10-17-85	1035.7	6.4E-1	2600			
	11-13-85	1035.8	2.8E-1	1400			
	12-10-85	1035.5	6.1E-1	2700			
	01-08-86	1035.5	6.4E-1	3000			
	01-09-86	1035.5	6.9E-1	--			Sample taken before evacuating water in well.
	01-09-86	1035.4	1.28	--			Sample taken during recovery of water in well.
	02-12-86	1035.3	1.03	3500			
	03-12-86	1035.6	1.04	4100			
	04-15-86	1035.7	9.8E-1	4300			
	05-15-86	1035.7	2.2E-1	1800			
	06-11-86	1035.7	2.2E-1	1400			
	07-08-86	1035.8	4.9E-1	2800			
	08-05-86	1035.9	5.2E-1	3000			
	09-03-86	1036.1	6.0E-1	3100			
	10-02-86	1036.2	6.4E-1	3400			
	10-02-86	1036.2	<sup>a</sup> 6.75E-1	3400			
	11-03-86	1036.1	6.5E-1	3600			
	12-04-86	1035.8	6.5E-1	3600			
					<sup>a</sup> 1.0E-8	<sup>a</sup> 1.4E-7	

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
UE2	07-31-84	A	1.50	3500	2.6E-4	1.9E-3	Cobalt 60=4.49E-4; Cesium 137=5.25E-5; Plutonium 239,40=2.5E-7
	07-31-84	A	1.65	--			
	08-08-84	1036.5	--	3375			
	09-12-84	1036.1	9.7E-1	3350			
	10-12-84	1036.1	8.6E-1	3400			
	11-09-84	1036.1	8.6E-1	3350			
	12-04-84	1035.7	9.1E-1	3520			
	01-02-85	1035.6	1.21	3550			
	03-05-85	1035.4	1.26	4125			
	04-09-85	1035.2	1.21	4150			
	05-06-85	1035.7	1.19	4300			
	06-04-85	1035.6	1.17	4400			
	07-03-85	1035.7	1.08	4300			
	08-07-85	1035.9	9.6E-1	3600			
	09-04-85	1035.8	9.0E-1	--			
	09-17-85	1036.2	1.46	3450			
	10-17-85	1036.2	1.34	4200			
	11-13-85	1036.0	5.6E-1	2500			
	12-10-85	1035.3	8.6E-1	3700			
	01-08-86	1035.0	9.3E-1	4200			
	01-09-86	1034.9	9.3E-1	--			Sample taken before evacuating water in well. Sample taken during recovery of water.
	01-09-86	1033.6	9.5E-1	--			
	02-12-86	1034.8	5.4E-1	3100			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	03-02-86	1034.8	8.9E-1	4000			
	04-15-86	1035.7	6.2E-1	3400			
	05-15-86	1035.1	3.3E-1	2200			
	06-11-86	1035.8	4.1E-1	2500			
	07-08-86	1035.1	4.2E-1	2600			
	08-05-86	1035.3	5.3E-1	3400			
	09-03-86	1035.5	4.6E-1	3200			
	10-02-86	1035.6	3.4E-1	2700			
	10-02-86	1035.6	3.5E-1	3100	<sup>a</sup> 1.0E-8	<sup>a</sup> 1.5E-7	
	11-03-86	1035.3	4.1E-1	4400			
	12-04-86	1035.0	2.2E-1	1000			
UE3	07-31-84	A	2.06	3250			
	07-31-84	A	<sup>a</sup> 2.59	--	2.91E-4	1.93E-3	Cobalt 60=2.9E-4; Cesium 137=6.4E-5; Plutonium 238=3.3E-5; Plutonium 239,40=1.3E-7
	08-03-84	1036.9	--	3250			
	08-08-84	1036.6	1.3E-1	3750			
	09-12-84	1036.2	2.4E-1	4550			
	09-24-84	--	5.0E-1	--			
	09-25-84	--	1.04	--			
	10-12-84	1036.2	7.4E-1	4300			
	11-09-84	1036.2	3.4E-1	4500			
	12-04-84	1035.7	4.8E-1	4500			
	01-02-85	1035.6	6.0E-1	3400			
	03-05-85	--	6.8E-1	4300			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	04-09-85	1035.3	1.6E-1	4100			
	05-06-85	1035.8	1.3E-1	4400			
	06-04-85	1035.7	2.8E-2	1700			
	07-03-85	1035.8	1.1E-1	5300			
	08-07-85	1036.1	1.3E-1	2600			
	09-17-85	1036.1	1.3E-1	4700			
	10-17-85	1035.9	5.7E-2	3200			
	11-13-85	1036.1	3.5E-2	1800			
	12-10-85	1035.9	8.2E-2	3100			
	01-08-86	1035.3	2.8E-1	4000			
	02-12-86	1035.3	5.6E-2	1800			
	03-12-86	1035.6	2.3E-1	3400			
	04-15-86	1035.7	1.7E-1	5000			
	05-15-86	1035.6	2.6E-2	1600			
	06-11-86	1035.9	4.2E-2	2300			
	07-08-86	1035.8	1.6E-2	4000			
	08-05-86	1036.0	1.2E-1	5400			
	09-03-86	1036.0	4.7E-2	3400			
	10-02-86	1036.2	4.6E-2	--	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
	11-03-86	1036.2	1.0E-1	--			
	12-04-86	1035.8	1.6E-2	--			
UE7	08-01-84	A	1.7E-1	3850	6.8E-5	2.3E-4	
	08-01-84	A	<sup>a</sup> 2.1E-1	--			
	08-02-84	1036.6	--	3400			

Cobalt 60=2.46E-4;  
Cesium 137<102E-4



Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	09-12-84	1036.2	1.8E-1	3450			
	09-25-84	--	1.6E-1	--			
	10-12-84	1036.2	1.4E-1	3690			
	11-09-84	1036.2	1.3E-1	3600			
	12-04-84	1035.8	1.1E-1	3650			
	01-02-85	1035.7	8.8E-2	3800			
	03-05-85	--	6.9E-2	4100			
	04-09-85	1035.4	6.3E-2	4000			
	05-06-85	1035.8	5.8E-2	2200			
	06-04-85	1035.9	5.6E-2	2400			
	07-03-85	1035.9	5.4E-2	2600			
	08-07-85	1036.1	4.7E-2	3600			
	09-17-85	1036.1	4.3E-2	3700			
	10-17-85	1036.0	4.1E-2	4400			
	11-13-85	1036.0	3.8E-2	4300			
	12-10-85	1036.0	3.6E-2	4400			
	01-08-86	1035.5	3.6E-2	4400			
	02-12-86	1035.6	3.5E-2	4400			
	03-12-86	1035.6	3.3E-2	4500			
	04-15-86	1035.8	3.3E-2	4500			
	05-15-86	1035.7	3.1E-2	4400			
	06-11-86	1035.9	3.0E-2	2400			
	07-08-86	1035.9	3.2E-3	4200			
	08-05-86	1035.9	3.1E-2	4300			
	09-03-86	1036.1	3.0E-2	4100			
	10-12-86	1036.1	2.8E-2	4100			
	10-02-86	1036.1	<sup>a</sup> 2.4E-2	4100			
					<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	11-03-86	1036.1	2.7E-2	4100			
	12-04-86	--	2.8E-2	4200			
UEB	08-16-84	A	3.0E-2	--			Cobalt 60<5.3E-5; Cesium 137<5.0E-5
	11-09-84	1037.7	2.0E-1	3800			
	12-04-84	1041.9	1.7E-1	3390			
	01-02-85	1044.1	1.4E-1	3200			
	03-05-85	--	1.3E-1	--			
	04-09-85	1044.7	1.2E-1	3200			
	05-06-85	1044.2	1.1E-1	3000			
	06-04-85	1046.7	1.1E-1	3200			
	07-03-85	1045.1	1.1E-1	3200			
	08-07-85	1042.7	1.0E-1	2600			
	09-17-85	1039.8	9.7E-2	2750			
	10-17-85	1038.4	9.7E-2	3500			
	11-13-85	1037.4	8.8E-2	3400			
	12-10-85	1048.5	1.1E-1	3100			
	01-08-86	1049.0	1.0E-1	3000			
	02-12-86	1050.7	9.5E-2	720			
	03-12-86	1046.8	2.6E-2	940			
	04-15-86	1045.5	3.0E-2	1500			
	05-15-86	1043.4	3.4E-2	1700			
	06-11-86	1044.8	3.3E-2	1600			
	07-08-86	1042.0	3.14E-3	1800			
	08-05-86	1039.3	3.5E-2	1800			
	09-03-86	1038.0	3.5E-2	1800			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	10-02-86	1037.2	3.4E-2	1800			
	10-02-86	1037.2	<sup>a</sup> 3.4E-2	1800	<sup>a</sup> 1.0E-8	<sup>a</sup> 1.0E-8	
	11-03-86	1036.7	3.5E-2	1900			
	12-04-86	1036.5	3.7E-2	2100			
UE9	08-09-84	1036.5	1.03	3300			Cobalt 60=4.87E-4; Cesium 137<3.5E-5; Plutonium 238=1.1E-6; Plutonium 239,40<5.0E-8
	08-09-84	1036.5	<sup>a</sup> 1.48	--			
	09-12-84	1036.3	9.1E-1	3350			
	10-12-84	1035.3	7.9E-1	3425			
	11-09-84	1035.2	7.4E-1	3350			
	12-04-84	1035.7	4.1E-1	3710			
	01-02-85	1035.7	5.8E-2	2100			
	03-05-85	--	7.1E-2	2300			
	04-09-85	1035.3	5.4E-2	2400			
	05-06-85	1035.8	7.3E-2	2200			
	06-04-85	1035.9	6.6E-2	2400			
	07-03-85	1035.8	5.8E-2	2600			
	08-07-85	1036.0	9.0E-2	2350			
	09-17-85	1036.1	1.2E-1	2600			
	10-17-85	1035.9	1.7E-1	2600			
	11-13-85	1036.3	<1.0E-2	1800			
	12-10-85	1036.0	<1.0E-2	1100			
	01-08-86	1035.2	1.3E-2	1400			
	02-12-86	1036.2	2.6E-3	3100			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	03-12-86	1036.2	3.9E-3	760			
	04-15-86	1035.8	2.2E-2	1200			
	05-15-86	1035.7	4.6E-2	1700			
	06-11-86	1035.9	4.4E-2	1800			
	07-08-86	1035.8	4.2E-2	2200			
	08-05-86	1035.9	5.8E-2	2400			
	09-03-86	1036.2	7.0E-2	2500			
	10-02-86	1036.2	8.8E-2	2600			
	10-02-86	1036.2	<sup>a</sup> 9.1E-2	2600	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
	11-03-86	1036.1	1.2E-1	3000			
	12-04-86	1047.5	1.2E-3	800			
UE11	08-07-84	1033.9	3.1	2550			Cobalt 60=2.90E-4; Cesium 139<3.5E-5
	09-12-84	1036.3	2.1	2790			
	09-25-84	--	2.05	--			
	10-12-84	1036.2	2.4	2820			
	11-09-84	1036.1	2.03	2750			
	12-04-84	1036.0	--	--			
	01-02-85	1035.6	7.5E-1	--			
	03-05-85	--	1.17	--			
	03-12-85	1035.7	--	2300			
	04-09-85	1035.4	2.0E-1	600			
	05-06-85	1035.7	8.1E-1	2200			
	06-04-85	1035.8	7.6E-1	2300			
	07-03-85	1035.8	4.2E-1	1900			
	08-07-85	1036.0	5.8E-1	2050			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	09-17-85	1036.0	6.7E-1	2350			
	10-17-85	1036.0	6.0E-1	2660			
	11-13-85	1036.0	2.9E-1	1800			
	12-10-85	1036.0	3.7E-1	2300			
	01-08-86	1035.6	1.5E-1	2600			
	02-12-86	1035.5	4.0E-1	1400			
	03-12-86	1035.5	4.8E-1	2800			
	04-15-86	1035.6	4.6E-1	3000			
	05-15-86	1035.8	4.1E-2	600			
	06-16-86	1035.8	3.0E-1	2000			
	07-08-86	1035.7	1.6E-1	1400			
	08-05-86	1035.7	3.6E-1	2800			
	09-03-86	1036.0	3.6E-1	2600			
	10-02-86	1036.1	2.5E-1	2200	1.0E-8	4.0E-8	
	11-03-86	1035.9	3.3E-1	--			
	12-04-86	1036.0	1.2E-2	--			
UF1	07-09-85	1033.1	--	--			
	07-11-85	1033.1	1.2	--	<sup>a</sup> .33E-7	<sup>a</sup> 8.00E-7	Cobalt 60=4.07E-7 Cesium 137<0.33E-7
	07-30-85	1034.4	--	--			
	08-13-85	1035.1	1.14	3200			
	09-17-85	1035.1	7.9E-1	2580			
	10-17-85	1035.4	7.0E-1	3100			
	11-13-85	1036.1	1.6E-2	160			
	12-10-85	1035.8	5.0E-2	320			
	12-11-85	--	6.2E-1	2700			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	01-08-86	1035.3	6.6E-1	2800			
	02-12-86	1035.2	6.7E-1	2700			
	03-12-86	1035.2	6.4E-1	2700			
	04-15-86	1035.2	7.3E-1	2800			
	05-15-86	1035.3	6.8E-1	2600			
	06-11-86	1035.3	7.2E-1	2800			
	07-08-86	1035.4	6.7E-1	2800			
	08-05-86	1035.6	6.3E-1	2700			
	09-03-86	1035.6	5.7E-1	2300			
	10-02-86	1035.8	5.9E-1	2500			
	10-02-86	1035.8	<sup>a</sup> 6.0E-1	--	<sup>a</sup> 2.0E-8	<sup>a</sup> 5.9E-7	
	11-03-86	1036.1	4.3E-1	2100			
	12-04-86	1037.0	3.5E-5	44			
UF2	06-26-85	A	9.3E-1	--	1.03E-7	1.71E-6	
	06-26-85	A	<sup>a</sup> 9.9E-1	--	<sup>a</sup> 0.66E-7	<sup>a</sup> 2.3E-6	Cobalt 60= <sup>a</sup> 6.5E-7 Cesium 137< <sup>a</sup> 1.4E-7
	07-01-85	1035.7	--	--			
	07-30-85	1035.5	--	--			
	08-13-85	1035.6	8.4E-1	3300			
	10-17-85	1035.6	7.8E-1	2900			
	11-13-85	1035.6	7.3E-1	3100			
	12-10-85	1035.4	7.2E-1	3200			
	01-08-86	1035.0	7.0E-1	3200			
	02-12-86	1034.8	7.0E-1	3200			
	03-12-86	1035.1	6.8E-1	3200			
	04-15-86	1035.4	6.8E-1	3200			
	05-15-85	1035.5	6.6E-1	3200			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	06-11-86	1035.4	6.3E-1	3000			
	07-08-86	1035.3	6.1E-1	3200			
	08-05-86	1035.4	6.0E-1	3200			
	09-03-86	1035.4	5.7E-1	3100			
	10-02-86	1035.4	5.89E-1	3000			
	10-02-86	1035.4	5.8E-1	--	<sup>a</sup> 1.0E-8	<sup>a</sup> 5.9E-7	
	11-03-86	1035.1	5.7E-1	3100	<sup>a</sup> 1.0E-8	<sup>a</sup> 5.9E-7	
	12-04-86	1035.3	5.3E-1	3000			
UF4	10-02-86	1031.6	3.9E-1	3300			
	10-02-86	1031.6	3.8E-1	--			
	11-03-86	1031.6	3.6E-1	3300			
UF5	06-27-85	1031.2	4.8E-1	3600	0.84E-7	1.28E-6	
	06-27-85	1031.2	5.2E-1	--	<sup>a</sup> 0.37E-7	<sup>a</sup> 1.20E-6	
	08-13-85	1031.3	4.4E-1	3000			
	10-17-85	1031.2	3.7E-1	3600			
	11-13-85	1031.2	3.8E-1	3500			
	12-10-85	1031.2	4.0E-1	3600			
	01-08-86	1031.0	3.9E-1	2600			
	02-12-86	1031.0	3.8E-1	3500			
	03-12-86	1031.0	4.0E-1	3600			
	04-15-86	1031.2	3.9E-1	3680			
	05-15-86	1031.1	4.0E-1	3600			
	06-11-86	1031.2	3.8E-1	3200			
	07-08-86	1031.2	3.7E-1	3600			
	08-05-86	1031.3	3.6E-1	3600			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{m}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{m}$ )	Gross beta ( $\mu\text{Ci}/\text{m}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{m}$ )
UF6	09-03-86	1031.4	3.6E-1	3600			
	10-02-86	1031.3	3.6E-1	3500			
	10-02-86	1031.3	<sup>a</sup> 3.5E-1	--	<sup>a</sup> 3.0E-8	<sup>a</sup> 4.7E-7	
	11-03-86	1031.2	3.6E-1	3500			
	12-04-86	1031.1	3.6E-1	3500			
UF7	01-08-86	1031.5	1.8E-2	6600			
	02-12-86	1031.6	1.3E-2	6700			
	03-12-86	1031.7	1.2E-2	6500			
	04-15-86	1031.4	9.5E-3	6800			
	05-15-86	1031.4	9.0E-3	6600			
	06-11-86	1031.4	8.5E-3	6000			
	08-05-86	1031.5	8.7E-3	6600			
	09-03-86	1031.5	9.3E-3	6400			
UF8	10-02-86	1031.5	--	--			No sample taken.
	11-03-86	1031.3	--	--			No sample taken.
	12-04-86	1031.3	--	--			No sample taken.
	08-20-85	1030.6	<sup>a</sup> 2.4E-1	--	<sup>a</sup> 0.26E-7	<sup>a</sup> 6.94E-7	Cobalt 60= <sup>a</sup> 2.09E-7 Cesium 137< <sup>a</sup> 0.36E-7
UF8	10-17-85	--	2.3E-3	5100			
	11-13-85	--	2.6E-3	4200			
	12-10-85	--	1.5E-3	4600			
UF8	01-08-86	1031.0	1.8E-3	4600			
	02-12-86	1030.9	1.8E-3	4400			



Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	04-15-86	1030.9	1.4E-3	4400			
	07-08-86	1030.9	6.7E-4	4200			
	10-02-86	1030.8	5.9E-4	4100			
	10-02-86	1030.8	<sup>a</sup> 5.3E-4	--			
	10-17-85	1-32.3	4.3E-5	2600			
	10-02-86	1032.7	1.5E-5	2400			
	10-02-86	1032.7	<sup>a</sup> 1.2E-5	--	not detected	<sup>a</sup> 1.0E-8	
UF10	07-02-86	--	<sup>a</sup> 5.4E-4	--	<sup>a</sup> 0.11E-7	<sup>a</sup> 1.00E-7	Cobalt 60 <sup>a</sup> 0.19E-7 Cesium 137 <sup>a</sup> <0.18E-7
	08-13-85	1033.2	2.1E-3	3600			
	08-20-85	1034.2	<sup>a</sup> 5.2E-4	--	<sup>a</sup> <0.07E-7	<sup>a</sup> <0.23E-7	Cobalt 60 <sup>a</sup> 0.21E-7 Cesium 137 <sup>a</sup> <0.21E-7
	10-17-85	1041.1	4.2E-4	3600			
	04-15-86	1045.4	7.8E-4	3600			
	10-02-86	1047.0	8.0E-4	3200			
	10-02-86	1047.0	<sup>a</sup> 8.0E-4	--	<sup>a</sup> <1.0E-8	<sup>a</sup> 3.0E-8	
UF11	08-13-85	1033.5	8.7E-6	3300			
	10-17-85	1036.7	3.7E-6	3300			
	04-16-86	1042.5	1.7E-6	2900			
	04-16-86	1042.5	1.7E-6	2900			
	10-02-86	1043.3	3.1E-6	2600			
	10-02-86	1043.3	<sup>a</sup> 8.0E-7	--	<sup>a</sup> 1.0E-8b	<sup>a</sup> 3.0E-8	
UF12	08-13-85	1030.1	2.5E-5	2300			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	10-17-85	--	1.4E-5	1800			
	04-16-86	1032.9	5.7E-6	3800			
	10-02-86	1034.1	<sup>a</sup> 5.0E-7	3600			
	10-02-86	1034.1	<sup>a</sup> 4.9E-6	--	<sup>a</sup> 3.0E-8	<sup>a</sup> 3.0E-8	
UF13	07-10-85	A	<sup>a</sup> 6.4E-6	2400			Cobalt <sup>a</sup> 60 < 0.17E-7
	07-10-85	A	<sup>a</sup> 2.2E-6	--	<sup>a</sup> 0.14E-7	<sup>a</sup> 0.16E-7	Cesium <sup>a</sup> 137 < 0.17E-7
	08-13-85	1035.2	4.3-E6	3000			
	10-17-85	1035.4	8.0E-7	2400			
	04-16-86	1032.8	3.1E-6	2900			
	10-02-86	1034.8	5.6E-7	2400			
	10-02-86	--	<sup>a</sup> 9.0E-7	--	not detected	<sup>a</sup> 2.0E-8	
UF14	07-10-85	A	1.4E-6	2400			
	A	A	<sup>a</sup> 6.4E-7	--	<sup>a</sup> 0.13E-7	<sup>a</sup> 0.85E-7	Cobalt <sup>a</sup> 60 < 0.19E-7
	07-11-85	--	7.0E-4	2200			
	08-13-85	1029.7	9.9E-6	2400			
	10-17-85	1030.9	8.3E-6	3400			
	04-16-86	1030.5	4.5E-6	3000			
	10-02-86	1032.2	1.9E-6	2600			
	10-02-86	1032.2	<sup>a</sup> 1.8E-6	--	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
UF15	08-13-85	1029.5	8.0E-6	1900			
	10-17-85	1030.7	5.1E-6	2500			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	04-16-86	1030.0	2.9E-6	2800			
	10-02-86	1031.8	2.9E-6	2800			
	10-02-86	1031.8	3.0E-6	--	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
UF16	07-25-85	1030.0	<sup>a</sup> 1.2E-7	2450	< <sup>a</sup> 5.0E-9	< <sup>a</sup> 1.5E-8	Cobalt 60< <sup>a</sup> 0.20E-7 Cesium 137< <sup>a</sup> 0.18E-7
	07-26-85	1030.0	4.6E-7	3500			
	08-13-85	1031.1	9.8E-7	3800			
	10-17-85	1031.2	8.5E-7	3800			
	04-16-86	1029.4	2.7E-7	3600			
	10-02-86	1031.4	4.2E-7	3600			
	10-02-86	1031.4	<sup>a</sup> 3.0E-7	--	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
UF17	07-12-85	A	5.25E-6	3200			
	A	A	2.05E-6	3200			
	A	A	<sup>a</sup> 1.9E-4	--	<sup>a</sup> 7.0E-9	<sup>a</sup> 3.3E-8	Cobalt 60< <sup>a</sup> 1.9E-8 Cesium 137< <sup>a</sup> 1.7E-8
	08-13-85	1017.8	2.00E-6	3300			
	10-17-85	1018.7	2.06E-6	3400			
	04-16-86	1018.3	1.02E-6	3400			
	10-02-86	1019.4	1.05E-6	3300			
	10-02-86	1019.4	<sup>a</sup> 1.2E-6	--	<sup>a</sup> 1.0E-8	<sup>a</sup> 3.0E-8	
UF18	10-17-85	1003.8	8.30E-7	4500			
	04-16-86	1011.8	1.03E-6	4200			
	10-02-86	1018.4	4.50E-7	4100			
	10-02-86	1018.4	<sup>a</sup> 7.0E-7	--	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
UF19	10-17-85	--	2.84E-6	7000			
	04-16-86	1011.4	3.50E-7	4800			
	07-24-86	--	3.90E-7	4800			
	08-20-86	--	6.30E-7	4700			
	10-02-86	1013.5	4.8E-7	4600	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
	10-02-86	1013.5	5.0E-7	--			
UF20	08-13-85	--	4.82E-6	4200			
	08-15-85	--	1.9E-6	4260			
	08-20-85	1005.3	<sup>a</sup> 1.20E-6	--	<sup>a</sup> 8.0E-9	<sup>a</sup> 6.5E-8	Cobalt 60 <sup>a</sup> 2.3E-8 Cesium 137 <sup>a</sup> 1.9E-8
	10-17-85	1019.2	9.35E-6	4100			
	04-16-86	1019.2	2.66E-6	3800			
	07-24-86	--	1.24E-6	4000			
	08-20-86	--	1.66E-6	4000			
UF21	10-02-86	1021.2	1.42E-6	3800	NOT detected	<sup>a</sup> 2.0E-8	
	10-02-86	1021.2	<sup>a</sup> 1.8E-6	--			
	04-16-86	1006.1	5.6E-7	5200			
	07-24-86	--	4.0E-8	5200			
	08-20-86	--	3.0E-7	5200			
	10-02-86	1006.4	3.1E-7	5100			
	10-02-86	1006.4	<sup>a</sup> 6.0E-7	--	<sup>a</sup> 1.0E-8	<sup>a</sup> 3.0E-8	
UF22	10-17-85	1004.5	4.29E-6	4000			
	04-16-86	1005.0	2.46E-6	4500			
	07-24-86	--	5.95E-5	4600			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
UF23	08-20-86	--	1.44E-6	4600			
	10-02-86	1004.8	1.08E-6	4600			
	10-02-86	1004.8	1.0E-6	4170	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
	04-16-86	1005.5	8.01E-5	3000			
	07-24-86	--	1.20E-6	2400			
	08-20-86	--	6.05E-5	3600			
UE24	10-02-86	--	4.08E-5	3000			
	10-02-86	--	4.2E-5	2740	<sup>a</sup> 1.0E-8	<sup>a</sup> 3.E-80	
	07-26-85	1007.7	2.96E-6	1900			
	07-26-85	1007.7	1.3E-6	--	<sup>a</sup> 6.0E-9	<sup>a</sup> 2.4E-8	Cobalt 60 <sup>a</sup> 4.1E-8 Cesium 137 <sup>a</sup> 3.8E-8
UE25	08-15-85	1015.7	2.0E-6	2000			
	10-17-85	1015.8	2.80E-5	2000			
	04-16-86	1018.2	4.05E-6	1800			
	07-24-86	--	4.39E-6	1900			
	08-20-86	--	4.08E-6	1800			
	10-02-86	1016.0	4.43E-6	1800			
	10-02-86	1016.0	4.7E-6	<sup>a</sup> 1570	NOT detected	<sup>a</sup> 2.0E-8	
	08-15-85	1014.0	1.59E-6	2300			
	10-17-85	1015.1	2.55E-5	2200			
	04-16-86	1016.4	4.6E-6	1600			
07-24-86	--	3.1E-6	2000				
08-20-86	--	3.05E-6	2000				
10-02-86	1015.0	4.06E-6	2000				

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
UF26	10-02-86	1015.0	<sup>a</sup> 2.9E-6	<sup>a</sup> 1810	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
	07-26-85	1008.0	3.72E-4	3900	<sup>a</sup> 1.7E-8	<sup>a</sup> 2.4E-8	Cobalt <sup>a</sup> 60 < 4.1E-8 Cesium <sup>a</sup> 137 < 3.8E-8
	07-26-85	1008.0	<sup>a</sup> 2.50E-4	--			
	08-15-85	1014.3	3.73E-4	4700			
	10-17-85	1013.8	3.39E-3	4500			
	04-16-86	1014.9	1.88E-4	3000			
	07-24-86	--	1.86E-4	3100			
	08-20-86	--	1.86E-4	3200			
	10-02-86	1013.9	1.94E-4	3700			
	10-02-86	1013.9	<sup>a</sup> 2.1E-4	<sup>a</sup> 3570	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
UF27	07-26-85	1008.8	1.37E-6	3900			
	07-26-85	1008.8	<sup>a</sup> 8.7E-6	--	<sup>a</sup> 6.0E-9	<sup>a</sup> 3.5E-8	Cobalt <sup>a</sup> 60 < 4.5E-8 Cesium <sup>a</sup> 137 < 4.4E-8
	08-15-85	1014.5	1.7E-7	3800			
	10-17-85	1013.3	1.93E-5	3500			
	04-16-86	1015.0	1.85E-6	4500			
	07-24-86	--	3.83E-6	4100			
	08-20-86	--	2.85E-6	4200			
	10-02-86	1013.2	2.8E-6	3400			
	10-02-86	1013.2	<sup>a</sup> 3.2E-6	<sup>a</sup> 2930	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
	07-26-85	--	8.67E-6	1400	<sup>a</sup> < 4.0E-9	<sup>a</sup> 1.4E-8	Cobalt <sup>a</sup> 60 < 4.5E-8 Cesium <sup>a</sup> 137 < 4.4E-8
07-26-85	--	<sup>a</sup> 6.5E-7	--				
08-15-85	1002.3	6.21E-6	2000				

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
UF29	10-17-85	1002.2	3.09E-5	2000			
	04-16-86	1003.0	2.59E-6	1900			
	07-24-86	--	2.83E-6	1800			
	08-20-86	--	2.74E-6	1800			
	10-02-86	1002.2	3.11E-6	3800			
	10-02-86	1002.2	2.9E-6	1580	<sup>a</sup> 1.0E-8	<sup>a</sup> 4.0E-8	
	08-16-85	1003.4	1.41E-6	3400			
	10-17-85	1003.0	1.21E-5	3100			
	04-16-86	1003.8	2.21E-6	2580			
	07-24-86	--	5.4E-7	3400			
08-20-86	--	5.6E-7	3500				
10-02-86	1003.2	3.9E-7	3400				
10-02-86	1003.2	3.0E-7	3240	not detected	<sup>a</sup> 2.0E-8		
UF31	08-15-85	1005.6	not detected	5900			
	10-17-85	1002.1	2.8E-5	3100			
	04-16-86	1001.7	--	--			
	08-20-86	--	5.0E-8	6000			
	10-02-86	1002.4	3.4E-7	10000			
	10-02-86	1002.4	2.0E-7	5600	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
UF32	04-16-86	1020.4	1.01E-5	320			
	07-24-86	--	8.8E-6	800			
	08-20-86	--	8.05E-6	380			
	10-02-86	1017.9	7.79E-6	380			
	10-02-86	1017.9	8.2E-6	540	not detected	<sup>a</sup> 2.0E-8	

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NAVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
UF33	04-16-86	1026.3	3.3E-6	5000			
	07-24-86	--	2.14E-6	5000			
	08-20-86	--	1.51E-6	5200			
	10-02-86	1027.0	1.61E-6	5000			
	10-02-86	1027.0	1.8E-6	4780	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
UF34	10-17-85	--	2.30E-5	3400			
	04-16-86	1033.3	2.08E-6	2900			
	07-24-86	--	2.2E-6	2300			
	08-20-86	--	2.11E-6	2200			
	10-02-86	1033.8	2.27E-6	2300	not detected	<sup>a</sup> 2.0E-8	
10-02-86	1033.8	2.6E-6	2070				
UF35	04-16-86	1024.3	1.03E-6	5500			
	07-24-86	--	7.5E-7	4300			
	08-20-86	--	6.1E-7	4300			
	10-02-86	1029.0	8.0E-7	4200			
	10-02-86	1029.0	1.0E-6	3860	<sup>a</sup> 5.0E-8	<sup>a</sup> 4.0E-8	
UF36	04-16-86	1034.8	2.6E-4	3900			
	05-15-86	1033.7	2.89E-4	3900			
	07-24-86	--	2.67E-4	3900			
	08-20-86	--	2.66E-4	3800			
	10-02-86	1034.0	2.56E-4	3280	<sup>a</sup> 1.0E-8	<sup>a</sup> 4.0E-8	



Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVDG of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
UF37	08-13-85	A	1.91E3	2140			
	08-13-85	A	<sup>a</sup> 1.7E-3	--	<sup>a</sup> 1.3E-8	<sup>a</sup> 2.5E-8	Cobalt 60 <sup>a</sup> 2.5E-8 Cesium 137 <sup>a</sup> 2.1E-8
	08-15-85	1035.3	1.81E-3	2800			
	10-17-85	1033.7	1.26E-2	2200			
	04-16-86	1036.1	1.20E-3	3000			
	05-15-86	1033.9	1.15E-3	3000			
	07-24-86	--	9.94E-4	2900			
	08-20-86	--	9.44E-4	2800			
	10-02-86	1034.2	9.63E-4	2600			
	10-02-86	1034.2	9.51E-4	2250	not detected	<sup>a</sup> 2.0E-8	
UF38	08-15-85	1035.5	2.32E-5	2800			
	10-17-85	1035.0	2.23E-4	3000			
	04-16-86	1036.5	4.75E-6	3000			
	07-24-86	--	3.98E-6	2800			
	08-20-86	--	8.76E-6	2800			
	10-02-86	1036.0	4.52E-6	2700			
	10-02-86	1036.0	5.0E-6	<sup>a</sup> 2330	not detected	<sup>a</sup> 2.0E-8	
	10-17-85	1029.6	8.7E-6	5200			
	04-16-86	1036.0	2.6E-7	4800			
	07-24-86	--	1.9E-7	4600			
UF39	08-20-86	--	1.7E-7	4600			
	10-02-86	1041.8	4.7E-7	4500			
	10-02-86	1041.8	3.2E-6	<sup>a</sup> 3980	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
	10-02-86	1041.8					

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{m}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{m}$ )	Gross beta ( $\mu\text{Ci}/\text{m}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{m}$ )
UF40	04-16-86	1036.2	7.66E-5	530			
UF41	10-17-85	1010.5	5.8E-6	5700			
	04-16-86	1021.3	2.25E-5	3400			
	07-24-86	--	6.32E-6	1400			
	08-20-86	--	5.76E-6	760			
	10-02-86	1023.7	2.48E-6	430			
	10-02-86	1023.7	2.9E-6	580	not detected	4.0E-8	
UF42	08-15-85		2.68E-6				
	10-17-85	1031.7	2.32E-5	1600			
	04-16-86	1032.9	7.4E-7	1900			
	07-24-86	--	5.8E-7	1800			
	08-20-86	--	6.3E-7	1800			
	10-02-86	1033.2	1.14E-6	1700	not detected	2.0E-8	
UF43	10-02-86	1033.2	7.0E-7	1450			
	04-16-86	1030.2	1.21E-6	7600			
	10-02-86	1030.3	3.2E-7	6400	1.0E-8	2.0E-8	
UF44	10-02-86	1030.3	4.0E-7	5750			
	01-08-86	1032.8	3.25E-6	7500			
	04-16-86	1034.6	9.8E-7	6900			
	10-02-86	1035.9	5.0E-7	6800	1.0E-8	2.0E-8	
	10-02-86	1035.9	9.0E-7	6060			
UF45	01-08-86	1034.5	1.91E-5	5200			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microstemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	04-16-86	1036.5	3.73E-6	5300			
	10-02-86	1037.8	2.78E-6	6400			
	10-02-86	1037.8	<sup>a</sup> 3.1E-5	<sup>a</sup> 5660	<sup>a</sup> 1.0E-8	<sup>a</sup> 1.0E-8	
UF46	10-02-86	1032.4	5.3E-7	9000			
	10-02-86	1032.4	<sup>a</sup> 9.0E-7	<sup>a</sup> 8060	<sup>a</sup> 1.0E-8	<sup>a</sup> 4.0E-8	
UF47	04-16-86	1025.7	1.77E-6	9500			
	10-02-02	1032.2	1.34E-6	8800			
	10-02-86	1032.2	<sup>a</sup> 1.7E-6	<sup>a</sup> 7800	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
UF48	12-10-85	1040.1	3.27E-5	1500			
	01-08-86	1039.6	4.14E-5	2400			
	04-16-86	1040.6	5.20E-5	5800			
	10-02-86	1039.9	3.24E-5	4300			
	10-02-86	1039.9	<sup>a</sup> 3.57E-5	<sup>a</sup> 3930	<sup>a</sup> 1.0E-8	<sup>a</sup> 6.0E-8	
UF49	01-08-86	1037.1	6.6E-5	7800			
	12-04-86	1039.2	1.25E-4	4700			
UG1	07-01-85	1033.4	1.05	--	<sup>a</sup> 1.18E-7	2.29E6	Cobalt 60 <sup>a</sup> 5.7E-4
	07-01-85	1033.4	<sup>a</sup> 1.1	--	<sup>a</sup> 7.3E-8	<sup>a</sup> 3.6E-6	Cesium 137 <sup>a</sup> 5.4E-5
	07-12-85	1034.7	1.14	3200			
	10-17-85	1036.8	1.01	3000			
	11-13-85	1036.7	9.83E-1	3000			
	12-10-85	1036.3	9.22E-1	3200			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	01-08-86	1035.8	6.30E-1	3200			
	01-09-86	1032.3	2.83E-1	4000			Water in well was pumped out and sample taken during recovery.
	02-12-86	1035.1	3.39e-1	4000			
	03-12-86	1035.1	3.21e-1	4000			
	04-16-86	1035.3	3.14E-1	4100			
	05-15-86	1035.4	3.28E-1	4000			
	06-11-86	1035.4	2.98E-1	4100			
	07-08-86	1035.4	2.77E-1	4000			
	07-16-86	1035.5	2.85E-1	4200			
	08-01-86	1035.7	2.79E-1	4000			
	08-05-86	1035.8	2.83E-1	4200			
	08-18-86	--	2.76E-1	4000			
	09-03-86	1036.0	2.76E-1	4100			
	09-30-86	--	2.74E-1	4100			
	11-03-86	1036.1	2.59E-1	4100			
	12-04-86	1035.9	2.49E-1	4200			
UG2	08-15-85	1035.8	3.69E-1	3400			
	08-15-85	1035.8	<sup>a</sup> 3.8E-1	--	<sup>a</sup> 8.2E-8	<sup>a</sup> 8.83E-6	Cobalt 60= <sup>a</sup> 2.48E-4 Cesium 137< <sup>a</sup> 1.0E-4
	10-17-85	1035.8	3.20E-1	3600			
	11-13-85	1036.0	2.75E-1	3700			
	12-10-85	1035.9	2.39E-1	4000			
	01-08-86	1035.4	2.32E-1	4000			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	02-12-86	1035.5	1.96E-1	4000			
	03-12-86	1035.4	1.80E-1	3900			
	04-16-86	1035.6	1.67E-1	4000			
	05-15-86	1035.7	1.69E-1	3900			
	06-11-86	1035.8	1.46E-1	4000			
	07-08-86	1035.7	1.33E-1	4000			
	08-05-86	1035.9	1.24E-1	4000			
	09-03-86	1036.0	1.08E-1	4100			
	10-02-86	1036.2	8.72E-2	4200			
	10-02-86	1036.2	8.8E-2	<sup>a</sup> 3700			
	11-04-86	1036.1	7.97E-2	4200			<sup>a</sup> 2.0E-8
	12-04-86	1035.8	8.19E-2	4100			<sup>a</sup> 2.21E-6
UG3	08-27-85	1035.1	--	2750			
	09-27-85	--	4.37E-6	3800			
	10-17-85	1035.9	9.03E-5	3800			
	11-13-85	1036.0	2.03E-5	3600			
	12-10-85	1036.1	6.79E-5	3700			
	01-08-86	1035.7	9.51E-5	3600			
	02-12-86	1035.7	2.82E-4	3700			
	03-12-86	1035.4	7.2E-5	3700			
	04-16-86	1035.4	7.81E-5	3800			
	05-15-86	1035.4	6.62E-5	3800			
	06-11-86	1035.4	3.80E-5	3800			
	07-08-86	1035.4	4.96E-5	3800			
	08-05-86	1035.7	3.94E-5	3900			
	09-03-86	1035.8	5.76E-5	3800			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	10-02-86	1037.0	5.33E-5	3800			
	10-02-86	1037.0	<sup>a</sup> 5.9E-5	<sup>a</sup> 3430	<sup>a</sup> 2.0E-8	<sup>a</sup> 3.0E-8	
	11-04-86	1035.9	6.67E-5	3800			
	12-04-86	1035.9	7.66E-5	3800			
UG4	10-17-85	1034.7	9.33E-4	4400			
	11-13-85	1037.2	3.71E-4	4200			
	12-10-85	1038.2	5.19E-4	4400			
	01-08-86	1038.4	2.67E-4	4400			
	04-16-86	1037.9	2.25E-4	4400			
	05-15-86	1038.4	2.05E-4	4400			
	06-11-86	1038.6	1.78E-4	4400			
	07-08-86	1038.9	1.80E-4	4400			
	08-05-86	1039.3	1.73E-4	4400			
	09-03-86	1039.4	1.76E-4	4300			
	10-02-86	1039.5	1.70E-4	4300			
	10-02-86	1039.5	<sup>a</sup> 1.73E-5	<sup>a</sup> 3970	<sup>a</sup> 2.0E-8	<sup>a</sup> 3.0E-8	
	11-04-86	1039.3	1.72E-4	4400			
	12-04-86	1039.3	1.62E-4	4300			
UG5	10-17-85	1031.6	4.19E-4	1600			
	11-13-85	--	2.59E-4	1600			
	12-10-85	--	1.23E-4	1900			
	04-16-86	1031.5	1.19E-4	1600			
	05-15-86	1031.5	1.40E-4	1500			
	06-11-86	1031.6	1.43E-4	1400			
	07-08-86	1031.6	2.20E-4	1600			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	08-05-86	1031.6	1.04E-4	1600			
	09-03-86	1031.6	8.28E-5	1700			
	10-02-86	1031.8	5.83E-5	1700			
	10-02-86	1031.8	<sup>a</sup> 6.09E-6	<sup>a</sup> 1430	<sup>a</sup> 1.0E-8	<sup>a</sup> 2.0E-8	
	11-04-86	1031.7	5.78E-5	1700			
	12-04-86	1031.6	4.92E-5	1600			
UG6	08-27-85	--	<sup>a</sup> 2.4E-3	<sup>a</sup> 2140	<sup>a</sup> <8.0E-9	<sup>a</sup> 4.8E-8	Cobalt 60 < <sup>a</sup> 2.0E-8 Cesium 137 < <sup>a</sup> 1.6E-8
	09-27-85	--	<sup>a</sup> 2.68E-3	3000			
	10-17-85	1033.1	2.82E-3	3000			
	11-13-85	1033.1	2.65E-3	2900			
	12-10-85	1035.0	2.65E-3	3000			
	01-08-86	1032.7	2.52E-3	2800			
	02-12-86	1032.7	2.48E-3	2900			
	03-12-86	1032.7	2.38E-3	2800			
	04-16-86	1032.8	2.13E-3	2800			
	05-15-86	1022.8	1.96E-3	2800			
	06-11-86	1032.8	1.90E-3	2800			
	07-08-86	1032.8	1.87E-3	2800			
	08-05-86	1033.1	1.92E-3	2800			
	09-03-86	1033.2	1.82E-3	2800			
	10-02-86	1033.3	1.93E-3	2800			
	10-02-86	1033.3	<sup>a</sup> 1.90E-3	<sup>a</sup> 2330	<sup>a</sup> 2.0E-8	<sup>a</sup> 2.0E-8	
	11-04-86	1033.2	1.96E-3	2800			
	12-04-86	1033.2	1.88E-3	2800			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
UG7	08-27-85	--	<sup>a</sup> 5.7E-3	<sup>a</sup> 2100	<sup>a</sup> 7.3E-8	<sup>a</sup> 1.77E-6	
	09-27-85	--	6.46E-1	3000			
	10-17-85	1032.4	3.30E-1	2800			
	11-13-85	1034.3	3.20E-1	2700			
	12-10-85	1034.4	3.30E-1	2900			
	01-08-86	1034.0	3.13E-1	2800			
	02-12-86	1033.9	2.65E-1	2800			
	03-12-86	1033.7	2.55E-1	2800			
	04-16-86	1034.0	2.45E-1	3200			
	05-15-86	1034.0	1.73E-1	2900			
	06-11-86	1034.1	1.37E-1	2800			
	07-08-86	1034.1	4.87E-2	2400			
	08-05-86	1034.8	1.00E-2	2200			
	09-03-86	1035.1	1.29E-3	2100			
	10-02-86	1034.9	7.98E-4	2000			
	10-02-86	1039.9	<sup>a</sup> 2.20E-3	<sup>a</sup> 1770	<sup>a</sup> <1.03E-8	<sup>a</sup> 2.0E-8	
11-04-86	1034.7	1.85E-3	2100				
12-04-86	1034.7	2.20E-3	2200				
UG8	10-17-85	--	1.66E-4	2500			
	12-10-85	1031.3	2.76E-4	3500			
	01-08-86	1031.8	2.18E-4	3800			
	03-12-86	1032.4	1.37E-4	3900			
	04-16-86	1032.7	9.83E-5	4000			
	05-15-86	1034.4	1.79E-6	3500			
	06-11-86	1037.1	9.6E-7	3400			
	07-08-86	1039.0	4.06E-5	3400			



Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	08-05-86	1040.4	8.2E-7 not detected	3400			
	09-03-86	1041.5		3400			
	10-02-86	1041.2	1.4E-6	3200			
	10-02-86	1041.2	6.0E-7	2840	<sup>a</sup> <2.0E-8	<sup>a</sup> 2.0E-8	
	11-04-86	1050.9	5.4E-7	3300			
	12-04-86	1035.9	4.6E-7	3200			
UG9	08-28-85	A	2.55E-4	2640			
	09-28-85	--	2.70E-4				
	10-17-85	1051.3	1.03E-4	2800			
	12-10-85	1050.7	8.95E-5	3800			
	01-08-86	1049.7	8.19E-5	3800			
	03-12-86	1047.7	8.16E-5	3700			
	04-16-86	1047.4	7.71E-5	3800			
	05-15-86	1047.8	7.35E-5	3800			
	06-11-86	1047.5	6.98E-5	3000			
	07-08-86	1049.2	8.10E-5	3700			
	08-05-86	1050.1	5.86E-5	3700			
	09-03-86	1050.7	4.18E-5	3600			
	10-02-86	1051.1	3.41E-5	3600			
	10-02-86	1051.1	3.43E-5	3260	<sup>a</sup> <2.0E-8	<sup>a</sup> <2.0E-8	
	11-04-86	1050.9	3.40E-5	3600			
	12-04-86	1050.3	2.30E-5	3600			
UG10	10-17-85	1031.3	8.96E-2	3000			
	11-13-85	--	1.02E-1	3000			
	12-10-85	1031.4	9.28E-2	3500			

Table 2.--Water-levels, radiochemical analyses, and specific conductance---Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
	01-08-86	1031.4	5.33E-2	3600			
	08-05-86	1031.5	8.04E-3	3700			
	09-03-86	1031.7	4.20E-3	3500			
	10-02-86	1032.4	1.86E-3	3300			
	10-02-86	1032.4	<sup>a</sup> 1.72E-3	<sup>a</sup> 3020	<sup>a</sup> 2.0E-8	<sup>a</sup> 4.0E-8	
	11-04-86	1032.4	8.29E-4	3300			
	12-04-86	1032.1	1.10E-3	3300			
UG11	10-17-85	1031.2	3.55E-1	3500			
	11-13-85	1031.3	3.42E-1	3400			
	12-10-85	1031.5	2.90E-1	3500			
	01-08-86	1031.6	1.77E-1	3600			
	02-12-86	1031.4	1.38E-1	3700			
	03-12-86	1031.5	1.16E-1	3600			
	04-16-86	1031.8	8.02E-2	3900			
	05-15-86	1032.2	4.90E-2	3900			
	06-11-86	1032.5	3.28E-2	4100			
	07-08-86	1033.9	1.36E-2	3600			
	08-05-86	1034.7	6.05E-4	3200			
	09-03-86	1034.6	3.85E-4	3000			
	10-02-86	1034.0	5.73E-4	2800			
	10-02-86	1034.0	<sup>a</sup> 6.87E-4	<sup>a</sup> 3020	<sup>a</sup> 1.0E-8	<sup>a</sup> < 4.0E-8	
	11-04-86	1033.3	5.88E-4	2900			
	12-04-86	1032.6	8.74E-4	3800			
UG12	10-17-85	1030.8	3.21E-1	3300			
	12-10-85	1030.8	3.12E-1	3300			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued  
 [A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	01-08-86	1030.7	3.13E-1	3400			
	02-12-86	1030.6	3.02E-1	3400			
	03-12-86	1030.7	2.83E-1	3200			
	04-16-86	1030.7	2.58E-1	3300			
	05-15-86	1030.7	2.31E-1	3400			
	06-11-86	1030.7	2.06E-1	2600			
	07-08-86	1030.7	1.71E-1	3600			
	08-05-86	1030.8	1.44E-1	3800			
	09-03-86	1030.8	1.20E-1	3800			
	10-02-86	1030.8	1.08E-1	3600			
	10-02-86	1030.8	1.10E-1	<sup>a</sup> 3450	<sup>a</sup> < 2.0E-8	<sup>a</sup> < 4.3E-7	
	11-04-86	1030.8	1.07E-1	3800			
	12-04-86	1030.8	1.04E-1	3700			
UG13	10-17-85	1033.9	2.44E-3	4000			
	12-10-85	1040.2	1.44E-3	4000			
	01-08-86	1041.8	1.28E-3	4000			
	02-12-86	1042.9	1.30E-3	3900			
	03-12-86	1043.3	1.31E-3	3700			
	04-16-86	1043.4	2.07E-3	3900			
	05-15-86	1043.4	2.59E-3	3800			
	06-11-86	1043.6	2.90E-3	3800			
	07-08-86	1043.9	3.03E-3	3800			
	08-05-86	1044.4	2.99E-3	3380			
	09-03-86	1045.1	2.67E-3	3600			
	10-02-86	1045.8	2.56E-3	3500			
	10-02-86	1045.8	<sup>a</sup> 2.39E-3	<sup>a</sup> 3310	<sup>a</sup> < 2.0E-8	<sup>a</sup> 4.0E-8	

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	11-04-86	1046.4	2.51E-3	3600			
	12-04-86	1046.8	2.38E-3	3600			
UG14	10-17-85	1025.0	6.3E-7	5400			
	04-16-86	1024.7	1.79E-5	3000			
	10-03-86	1025.4	1.61E-6	1200			
	10-03-86	1025.4	1.0E-6	<sup>a</sup> 1140	<sup>a</sup> 1.0E-8	<sup>a</sup> 8.08E-8	
UG16	10-03-86	--	4.34E-6	465			
UG17	04-16-86	1036.1	1.73E-4	3300			
	10-03-86	1037.1	1.90E-4	3200			
	10-03-86	1037.1	<sup>a</sup> 1.88E-4	<sup>a</sup> 2830	<sup>a</sup> <2.0E-8	<sup>a</sup> 2.0E-8	
UG18	10-17-85	1038.7	1.56E-4	480			
	04-16-86	1035.3	8.28E-5	830			
	10-03-86	1034.9	6.28E-5	1200			
	10-03-86	1034.9	6.23E-5	<sup>a</sup> 1120	<sup>a</sup> 4.0E-8	<sup>a</sup> 7.0E-8	
UG19	04-16-86	1035.3	1.25E-4	2800			
	10-03-86	1036.0	1.32E-4	2600			
	10-03-86	1036.0	<sup>a</sup> 1.35E-4	<sup>a</sup> 2310	<sup>a</sup> <1.0E-8	<sup>a</sup> <7.0E-8	
UH1	08-06-86	--	<sup>a</sup> <3.53E-7	--			
	08-27-86	1026.8	--	2125			
UH2	08-06-86	--	<sup>a</sup> <3.35E-7	--			
	08-17-86	1026.2	--	2225			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )
UH3	08-06-86	--	<sup>a</sup> 2.02E-6.	--	--	--	
	08-27-86	1026.3	--	2540	--	--	
UH4	08-06-86	--	<sup>a</sup> < 3.53E-7	--	--	--	
	08-27-86	1026.2	--	2000	--	--	
UH5	08-06-86	--	<sup>a</sup> < 3.53E-7	--	--	--	
	08-27-86	1026.5	--	1800	--	--	
UH6	07-16-86	A	3.2E-6	2600	--	--	
	08-06-86	--	<sup>a</sup> < 3.53E-7	--	--	--	
	08-27-86	1026.8	--	2125	--	--	
UH7	08-06-86	--	<sup>a</sup> 3.53E-7	--	--	--	
	08-27-86	1026.3	--	2175	--	--	
UH8	08-27-86	1026.4	--	795	--	--	
UH9	08-06-86	--	<sup>a</sup> < 3.53E-7	--	--	--	
	08-27-86	1026.5	--	1780	--	--	
U11	07-16-86	1035.6	6.48E-1	3100	--	--	
	08-18-86	--	6.07E-1	3000	--	--	
	08-17-86	1036.4	--	--	--	--	
	09-30-86	--	6.05E-1	--	--	--	
	10-31-86	1036.5	--	--	--	--	
11-03-86	--	5.93E-1	3000	--	--		

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microstemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
UI2	12-04-86	1036.4	5.86E-1	3000			
	08-18-86	--	6.02E-2	3600			
	08-29-86	1035.7	--	--			
	09-17-86	1038.7	--	--			
	09-30-86	--	5.4E-2	3700			
	10-31-86	1040.3	--	--			
	11-03-86	--	5.37E-2	3600			
	12-04-86	1039.6	4.93E-2	3700			
UI3	07-17-86	A	7.05E-1	3200			
	08-18-86	--	6.64E-1	3200			
	08-29-86	1035.8	--	--			
	09-17-86	1036.0	--	--			
	09-30-86	--	6.49E-1	3200			
	10-31-86	1035.8	--	--			
	11-03-86	--	6.53E-1	3200			
	12-04-86	1035.8	6.35E-1	3200			
UI4	07-17-86	A	9.23E-1	3200			
	08-18-86	--	8.67E-1	3100			
	08-29-86	1036.2	--	--			
	09-17-86	1036.2	--	--			
	09-30-86	--	8.93E-1	3100			
	10-31-86	1031.6	--	--			
	11-03-86	--	8.47E-1	3000			
	12-04-86	1036.1	8.15E-1	3100			

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci/ml}$ )	Specific conductance $\mu\text{S/cm}$	Gross alpha ( $\mu\text{Ci/ml}$ )	Gross beta ( $\mu\text{Ci/ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci/ml}$ )	
UI5	08-18-86	--	3.66E-1	3100				
	08-29-86	1033.9	--	--				
	09-17-86	1035.1	--	--				
	09-30-86	--	3.71E-1	3200				
	10-31-86	1035.6	--	--				
	10-31-86	--	--	--				
	11-03-86	--	3.52E-1	3100				
	12-04-86	1035.8	3.46E-1	3000				
	UI6	07-29-86	A	8.05E-1	3100			
		08-18-86	--	7.76E-1	3000			
08-29-86		1035.8	--	--				
09-17-86		1035.8	--	--				
09-30-86		--	7.70E-1	3100				
10-31-86		1035.8	--	--				
11-03-86		--	7.14E-1	3000				
12-04-86		1035.8	7.33E-1	3000				
UI7		07-30-86	A	8.32E-1	3200			
		08-18-86	--	8.06E-1	3000			
	08-29-86	1035.8	--	--				
	09-17-86	1035.9	--	--				
	09-30-86	--	7.91E-1	3100				
	10-31-86	1036.0	--	--				
	11-03-86	--	7.86E-1	3000				
	12-04-86	1036.0	7.52E-1	3000				

Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVGD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
UI8	07-31-86	A	7.84E-1	3200			
	08-18-86	--	7.64E-1	3200			
	08-29-86	1038.2	--	--			
	09-17-86	1038.3	--	--			
	09-30-86	--	7.84E-1	3100			
	10-31-86	1038.6	--	--			
	11-03-86	--	7.40E-1	3200			
	12-04-86	1038.2	7.42E-1	3100			
	09-17-86	1032.6	--	--			
	09-30-86	--	2.64E-1	3300			
	10-31-86	1033.4	--	--			
	11-03-86	--	2.39E-1	3300			
12-04-86	1034.3	2.16E-1	3400				
UI10	07-30-86	A	8.74E-1	3000			
	08-18-86	--	8.43E-1	3000			
	08-29-86	1036.0	--	--			
	09-17-86	1036.0	--	--			
	09-30-86	--	8.33E-1	--			
	10-31-86	1036.0	--	--			
	11-03-86	--	8.11E-1	3000			
	12-04-86	1036.1	8.04E-1	3000			
	08-14-86	A	<sup>a</sup> 1.04	3250			
	08-29-86	1035.7	--	--			
09-03-86	--	8.76E-1	3700				



Table 2.--Water-levels, radiochemical analyses, and specific conductance--Continued

[A, Open hole sample; Tritium, gross alpha, and gross beta units in microcuries per millimeter; Specific conductance in microsiemens per centimeter; Altitude, in feet, refers to distance above the NVD of 1929]

Well	Date of sample	Altitude of water level in feet	Tritium ( $\mu\text{Ci}/\text{ml}$ )	Specific conductance $\mu\text{S}/\text{cm}$	Gross alpha ( $\mu\text{Ci}/\text{ml}$ )	Gross beta ( $\mu\text{Ci}/\text{ml}$ )	Remarks (Activities of selected radionuclides listed in remarks are in $\mu\text{Ci}/\text{ml}$ )
	09-17-86	1035.8	--	--			
	10-02-86	1036.9	<sup>a</sup> 4.73E-1	2600			
	10-02-86	1035.9	<sup>a</sup> 5.51E-1	<sup>a</sup> 2380	< <sup>a</sup> 1.0E-1	<sup>a</sup> 3.5E-7	
	11-03-86	1035.7	5.62E-1	3200			
	12-04-86	1035.7	<sup>a</sup> 3.99E-1	2700			
UK2	08-13-86	A	<sup>a</sup> 2.21	3200			
	08-15-86	--	<sup>a</sup> 2.22	--			
	09-03-86	--	2.05	3800			
	09-17-86	1036.0	--	--			
	10-02-86	1036.0	1.79	3900			
	10-02-86	1036.0	<sup>a</sup> 1.81	<sup>a</sup> 3530	<sup>a</sup> 1.0E-7	<sup>a</sup> 1.30E-6	
	11-03-86	1036.0	1.63	4000			
	12-04-86	1035.9	1.58	4000			
UK3	10-31-86	1034.1	<sup>a</sup> 2.68E-6	2700			
	10-31-86	--	<sup>a</sup> 6.0E-7	<sup>a</sup> 2310	< <sup>a</sup> 1.0E-8	<sup>a</sup> 1.0E-8	
	11-03-86	--	6.45E-5	2800			
UK6	10-31-86	--	<sup>a</sup> 3.47E-6	2000			
	10-31-86	--	<sup>a</sup> 1.6E-6	<sup>a</sup> 1720	< <sup>a</sup> 1.0E-8	<sup>a</sup> 4.0E-8	
	11-03-86	--	1.18E-5	2100			

<sup>a</sup> Sample analyzed at site laboratory by site contractor.