

Table 4.--Chemical analyses of water from wells and spring in Sumter County--Continued

Number	Well owner	Date of collection	Water-bearing unit	Well depth (feet)	Milligrams per liter													Hardness as CaCO ₃		Specific conductance (micromhos at 25° C)	pH	Temperature	
					Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Carbonate (CO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Dissolved solids (calculated)	Calcium, magnesium	Non-carbonate			°C	°F
Q-13	B. A. Rogers.....	11-17-64	Ke	800	...	0.13	...	...	...	...	414	0	...	1,120	...	...	...	75	0	...	7.6	25	77
Q-14	Tom Luke.....	11-17-64	...	...	...	.49	...	...	...	...	266	0	...	2,160	...	...	...	179	0	...	8.2	22	72
Q-15	Ray Hammock.....	11-17-64	...	...	...	.31	...	...	...	...	216	16	...	2,140	...	...	...	175	0	...	8.5	22	72
Q-1	Dr. --Hester.....	4- 8-54	...	...	...	...	...	...	...	...	...	...	...	2,850	...	...	...	330	..	...	7.6	21	70
Q-1	.....do.....	5- 5-64	...	...	...	.13	...	...	...	...	303	0	...	2,560	...	...	...	262	9	...	6.9	21	70
R-1	J. M. Nixon, Jr....	11-18-64	...	...	...	.07	...	...	...	...	442	0	...	1,070	...	...	...	61	0	...	7.7	24	76
R-2	.....do.....	11-18-64	...	...	...	.24	...	...	...	...	288	24	...	1,600	...	...	...	86	0	...	7.6	24	76
R-3	William R. Hawkins	11-19-64	Ke	980	...	.13	...	...	...	...	340	40	...	1,260	...	...	...	72	0	...	8.7	26	78
R-4	Norvelle Loper....	9-16-64	Ke	1,200	...	.24	...	...	...	...	288	42	...	1,570	...	...	...	122	0	...	8.7	...	...
S-2	H. B. Maye.....	11-18-64	Ke	1,212	...	.40	...	...	...	...	392	28	...	1,040	...	...	...	80	0	...	8.6	...	...
S-3	County Training School.	11-18-64	...	...	...	.14	...	...	...	...	480	0	...	1,150	...	...	...	58	0	...	8.2	...	...
S-4	City of Livingston	12-31-40	Ke	1,062	...	...	...	...	...	...	227	0	...	3,050	...	...	...	168	0	...	...	...	...
S-4	.....do.....	2- 6-41	Ke	1,062	14	...	69	21	1,930	21	196	0	0.8	3,060	1.8	1.5	5,220	259	98	...	...	...	...
S-4	.....do.....	7-21-65	Ke	1,062	...	.73	...	...	...	...	224	0	...	3,020	...	...	...	258	74	...	7.5	...	...
S-5	Mary B. Battle....	9-16-64	Ke	1,223	...	.21	...	...	...	...	276	28	...	1,760	...	...	...	118	0	...	8.7	...	...
S-5	.....do.....	8-13-65	Ke	1,223	11	.14	32	13	1,160	9.1	329	0	15	1,660	1.8	...	3,060	132	0	5,710	7.4	...	...
T-1	Bell Institute....	9-17-64	Gal	14	...	6.4	...	...	...	...	20	0	...	17	...	...	...	30	14	...	6.4	...	...
V-1	McGown School.....	5-26-65	Tha	23	...	1.1	...	...	...	...	3	0	...	17	...	...	...	18	16	...	6.0	...	...