

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

Number	Well owner	Date of collection	Water-bearing unit	Gauge discharge 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
N-4	T. Steinhilber....	11-12-64	Ke	960	...	0.13	...	...	...	...	424	0	...	680	...	...	...	40	0	...	8.2	25	77
N-5	Thomas M. Nelson..	11-18-64	Ke	903	...	.08	...	...	...	...	432	4	...	680	...	...	...	42	0	...	8.3	25	77
N-6	Epes School.....	11-18-64	Ke	958	...	.16	...	...	...	...	404	20	...	820	...	...	...	52	0	...	8.5	...	...
N-7	C. B. Nixon, Jr....	11-20-64	Ke	1,114	...	.06	...	...	...	...	400	20	...	880	...	...	...	74	0	...	8.5	...	...
O-1	P. B. May.....	11-12-64	Ke	875	...	.17	...	...	...	...	324	0	...	500	...	...	...	45	0	...	8.1	26	78
O-2	S. B. Motes.....	11-12-64	Hg	1,155	...	.29	...	...	...	...	336	0	...	570	...	...	...	60	0	...	7.7	26	78
O-3	.....do.....	11-12-64	Ke	820	...	.28	...	...	...	...	430	0	...	640	...	...	...	39	0	...	7.9	21	70
O-4	Leona Campbell....	11-18-64	Ke	822	...	.09	...	...	...	...	364	34	...	700	...	...	...	45	0	...	8.7	23	74
O-5	Gene Spradling....	11-18-64	Ke	800	...	.09	...	...	...	...	368	32	...	670	...	...	...	42	0	...	8.7	24	75
O-6	Town of Epes.....	11-18-64	Hg	1,200	...	.55	...	...	...	...	318	0	...	1,060	...	...	...	101	0	...	8.1	26	78
O-6	.....do.....	8-13-65	Hg	1,200	11	.54	29	6.0	7.8	7.8	309	0	3.0	1,060	2.2	...	2,040	97	0	3,880	7.4	26	78
O-7	B. G. Hines.....	12-31-40	Ke	820	...	...	...	...	...	...	357	...	...	1,420	...	...	...	58	0	...	...	...	...
O-7	.....do.....	11-19-64	Ke	820	...	.19	...	...	...	...	356	0	...	1,390	...	...	...	81	0	...	7.9	...	...
O-8	P. B. May.....	11-18-64	Ke	958	...	.17	...	...	...	...	448	0	...	780	...	...	...	48	0	...	8.0	...	...
O-9	Jack J. Minus.....	11-18-64	Ke	950	...	.26	...	...	...	...	378	14	...	1,210	...	...	...	62	0	...	8.4	...	...
O-9	.....do.....	8-13-65	Ke	950	12	.13	17	6.2	9.02	7.0	398	0	5.4	1,210	1.4	...	2,360	68	0	4,400	...	...	...
O-10	Ray Hammock.....	11-17-64	...	...	...	.15	...	...	...	...	400	0	...	1,260	...	...	...	90	0	...	8.2	23	73
O-11	Tom Norton.....	11-17-64	Ke	900	...	.06	...	...	...	...	374	32	...	1,000	...	...	...	65	0	...	8.7	24	75
O-12	Howard Turner.....	11-17-64	...	...	...	.10	...	...	...	...	440	0	...	960	...	...	...	50	0	...	8.1	25	77