

Table 4.--Chemical analyses of water from wells and spring in Sumter County  
 Analyses by U.S. Geological Survey except as indicated.  
 (Well or spring: Numbers correspond to those on figure 3 and in tables 2 and 3.)

Water-bearing unit: Kg, Gordo Formation; Ke, Eutaw Formation; Tna, Neheola Formation; Tnf, Nanafalia Formation; St, Terrace deposits; Cal, alluvium.

Number	Stream name well owner	Date of collection	Water- bearing unit	Stream discharge (cfs) or well depth (feet)	Milligrams per liter													Hardness as CaCO <sub>3</sub>		Specific conductance (micromhos at 25° C)	PH	Temperature	
					Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magne- sium (Mg)	Sodium (Na)	Potas- sium (K)	Bicar- bonate (HCO <sub>3</sub> )	Car- bonate (CO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Dissolved solids (calcu- lated)	Calcium, magnesium	Non- car- bon- ate			° C	° F
A-1	Billie Taylor....	11- 3-64	Kg	925	...	0.04	...	...	...	...	147	6	...	80	...	...	...	16	0	...	8.5	23	74
A-1	.....do.....	8-16-65	Kg	925	11	.02	2.2	0.6	100	2.6	152	0	0.0	76	0.7	0.1	268	8	0	509	...	23	74
A-2	E. A. Inmon.....	11- 5-64	Kg	700	...	.02	...	...	...	...	145	0	...	36	...	...	...	9	0	...	7.8	23	74
A-3	Marathon Southern Corp.	11- 5-64	...	...	...	.03	...	...	...	...	231	0	...	236	...	...	...	14	0	...	7.8	20	68
A-4	.....do.....	11- 5-64	...	...	...	.04	...	...	...	...	218	0	...	240	...	...	...	12	0	...	8.1	21	70
A-5	C. M. Halsell....	11- 4-64	...	...	...	.03	...	...	...	...	231	10	...	310	...	...	...	22	0	...	8.6	20	68
A-6	Warsaw Sand and Gravel Co.	11- 3-64	Ke	450	...	.04	...	...	...	...	224	4	...	282	...	...	...	22	0	...	8.4	21	70
A-7	C. M. Halsell....	11- 4-64	Ke	519	...	.03	...	...	...	...	196	8	...	254	...	...	...	18	0	...	8.5	21	70
A-8	Hugh Cameron.....	11- 4-64	Kg	775	...	.03	...	...	...	...	147	5	...	64	...	...	...	19	0	...	8.5	23	74
A-9	.....do.....	11- 4-64	Kg	775	...	.06	...	...	...	...	148	4	...	94	...	...	...	20	0	...	8.6	23	74
A-10	.....do.....	11- 4-64	Ke	475	...	.07	...	...	...	...	209	8	...	276	...	...	...	20	0	...	8.5	22	71
A-11	T. W. Rogers.....	11- 4-64	Ke	571	...	.07	...	...	...	...	258	0	...	324	...	...	...	24	0	...	8.1	22	71
A-12	.....do.....	11- 4-64	...	...	...	.04	...	...	...	...	261	0	...	316	...	...	...	15	0	...	7.9	22	71
A-13	Hugh Cameron.....	11- 3-64	Ke	450	...	.09	...	...	...	...	219	14	...	308	...	...	...	25	0	...	8.6	22	71
A-14	.....do.....	11- 3-64	Ke	450	...	.08	...	...	...	...	230	5	...	302	...	...	...	34	0	...	8.4	22	71
A-15	J. L. Parker.....	10-27-64	Ke	320	...	.09	...	...	...	...	374	20	...	624	...	...	...	51	0	...	8.7	19	66
A-16	Hugh Cameron.....	11- 3-64	Ke	460	...	.03	...	...	...	...	234	0	...	284	...	...	...	16	0	...	7.9	21	70