

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

| Number | Stream-name or well owner | Date of collection | Water- bearing unit | Steam discharge (mgd) or 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) | Magne- sium (Mg) | Sodium (Na) | Potas- sium (K) | Bicar- bonate (HCO ₃) | Car- bonate (CO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Dissolved solids (calcu- lated) | Calcium, magnesium | Non- car- bon- ate | | | ° C | ° F |
| | | | | | | | | | | | | | | | | | | | | | | | |
| A-17 | Hugh Cameron..... | 11- 3-64 | Ke | 560 | ... | 0.04 | ... | ... | ... | ... | 230 | 12 | ... | 302 | ... | ... | ... | 20 | 0 | ... | 8.6 | 20 | 68 |
| A-18 | Cliff Rogers..... | 11- 4-64 | Ke | 500 | ... | .07 | ... | ... | ... | ... | 296 | 0 | ... | 362 | ... | ... | ... | 25 | 0 | ... | 7.6 | 21 | 69 |
| A-19 | E. H. Nevin..... | 11- 4-64 | Ke | 360 | ... | .08 | ... | ... | ... | ... | 206 | 7 | ... | 272 | ... | ... | ... | 24 | 0 | ... | 8.6 | 21 | 69 |
| A-20 | Mrs. W. J. Rogers. | 11- 4-64 | Ke | 300 | ... | .06 | ... | ... | ... | ... | 247 | 9 | ... | 310 | ... | ... | ... | 19 | 0 | ... | 8.5 | 21 | 69 |
| A-21 | Mrs. --Mabry..... | 11-10-64 | ... | ... | ... | .01 | ... | ... | ... | ... | 235 | 0 | ... | 280 | ... | ... | ... | 21 | 0 | ... | 8.1 | 22 | 71 |
| A-22 | Hugh Cameron..... | 11- 3-64 | Ke | 450 | ... | .04 | ... | ... | ... | ... | 258 | 0 | ... | 294 | ... | ... | ... | 15 | 0 | ... | 7.8 | 21 | 69 |
| B-2 | William King..... | 10-30-64 | ... | ... | ... | .17 | ... | ... | ... | ... | 146 | 4 | ... | 142 | ... | ... | ... | 15 | 0 | ... | 8.5 | 22 | 71 |
| B-3 | J. J. Hagerman.... | 10-28-64 | Ke | 693 | ... | .09 | ... | ... | ... | ... | 226 | 14 | ... | 312 | ... | ... | ... | 42 | 0 | ... | 8.7 | ... | ... |
| B-4 | Cliff Parsells.... | 11- 5-64 | ... | ... | ... | .04 | ... | ... | ... | ... | 156 | 0 | ... | 92 | ... | ... | ... | 14 | 0 | ... | 7.8 | 24 | 75 |
| B-5 | Ben Brockway..... | 10-30-64 | ... | ... | ... | .51 | ... | ... | ... | ... | 188 | 28 | ... | 312 | ... | ... | ... | 25 | 0 | ... | 8.6 | ... | ... |
| B-6 | J. J. Hagerman.... | 10-28-64 | Ke | 700 | ... | .06 | ... | ... | ... | ... | 196 | 12 | ... | 278 | ... | ... | ... | 19 | 0 | ... | 8.6 | ... | ... |
| B-8 | Nell Brockway..... | 10-30-64 | Ke | 640 | ... | .09 | ... | ... | ... | ... | 216 | 8 | ... | 294 | ... | ... | ... | 35 | 0 | ... | 8.6 | ... | ... |
| B-9 | North Sumter High School. | 11- 3-64 | Ke | 675 | ... | .08 | ... | ... | ... | ... | 192 | 8 | ... | 258 | ... | ... | ... | 19 | 0 | ... | 8.6 | ... | ... |
| B-10 | J. L. Parker..... | 10-27-64 | Ke | 707 | ... | .01 | ... | ... | ... | ... | 270 | 0 | ... | 336 | ... | ... | ... | 15 | 0 | ... | 7.7 | ... | ... |
| B-10 |do..... | 8-30-65 | Ke | 707 | 11 | .04 | 4.1 | 2.1 | 297 | 2.7 | 244 | 0 | 0.4 | 330 | 1.2 | 0.1 | 769 | 19 | 0 | 1,480 | 6.8 | ... | ... |
| B-11 |do..... | 10-27-64 | Ke | 525 | ... | .02 | ... | ... | ... | ... | 350 | 22 | ... | 526 | ... | ... | ... | 48 | 0 | ... | 8.9 | ... | ... |
| B-12 | O. R. Chafin..... | 10-30-64 | Ke | 701 | ... | .05 | ... | ... | ... | ... | 216 | 16 | ... | 284 | ... | ... | ... | 20 | 0 | ... | 8.7 | 23 | 73 |
| B-13 | J. L. Parker..... | 10-27-64 | Ke | 362 | ... | .05 | ... | ... | ... | ... | 404 | 20 | ... | 566 | ... | ... | ... | 39 | 0 | ... | 8.7 | 21 | 69 |