

Table 4.--Chemical analyses of fluid pumped from 25 wells completed in the drift and Platteville and St. Peter aquifers, March-April 1979

| SITE IDENTIFICATION (LATITUDE AND LONGITUDE) | DATE OF SAMPLE | TIME | TOWNSHIP AND RANGE | USGS PROJECT WELL NUMBER | TEMPERATURE, WATER (DEG C) | AGENCY COLLECTING SAMPLE (CODE NUMBER) | AGENCY ANALYZING SAMPLE (CODE NUMBER) | FLOW RATE, INSTANTANEOUS (GPM) | CIFIC CONDUCTANCE (MICRO-MHUS) | PH (UNITS) |
|--|----------------|------|--------------------|--------------------------|----------------------------|--|---------------------------------------|--------------------------------|--------------------------------|------------|
| 445651093222901                              | 79-03-29       | 1415 | 117N21W17BCD1      | w2                       | 10.5                       | 1028                                   | 80010                                 | 10                             | 1110                           | 7.1        |
|  | 79-03-29       | 1420 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445622093221901                              | 79-03-29       | 1550 | 117N21W17CAD2      | w5                       | 11.0                       | 1028                                   | 80010                                 | 10                             | 900                            | 7.3        |
|  | 79-03-29       | 1555 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445620093222601                              | 79-04-03       | 1400 | 117N21W17CBD1      | w6                       | 10.0                       | 1028                                   | 80010                                 | 10                             | 780                            | 7.4        |
|  | 79-04-03       | 1405 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445607093222101                              | 79-04-10       | 1410 | 117N21W17CDD1      | w8                       | 11.8                       | 1028                                   | 80010                                 | 15                             | 1100                           | 7.2        |
|  | 79-04-10       | 1415 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445614093220301                              | 79-03-27       | 1505 | 117N21W17DCA1      | w9                       | 11.0                       | 1028                                   | 80010                                 | 10                             | 1020                           | 7.2        |
|  | 79-03-27       | 1510 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445559093220201                              | 79-04-05       | 1430 | 117N21W20ABD1      | w10                      | 12.0                       | 1028                                   | 80010                                 | .50                            | 750                            | 6.9        |
|  | 79-04-05       | 1435 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445614093215301                              | 79-04-03       | 1130 | 117N21W17DDB2      | w11                      | 9.0                        | 1028                                   | 80010                                 | 10                             | 890                            | 7.1        |
|  | 79-04-03       | 1135 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445613093214001                              | 79-04-10       | 1100 | 117N21W17DDA1      | w12                      | 12.8                       | 1028                                   | 80010                                 | 3.3                            | 900                            | 7.3        |
|  | 79-04-10       | 1105 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445615093220901                              | 79-03-29       | 0920 | 117N21W17DCB1      | w13                      | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
|  | 79-03-29       | 0935 |                    |                          | 9.5                        | 1028                                   | 80010                                 | 10                             | 2000                           | 7.6        |
|  | 79-03-29       | 0940 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445634093205903                              | 79-04-17       | 1145 | 117N21W16DCB3      | w116                     | 11.4                       | 1028                                   | 80010                                 | 15                             | 960                            | 7.3        |
|  | 79-04-17       | 1150 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445617093211502                              | 79-04-17       | 1635 | 117N21W16CDB3      | w117                     | 11.5                       | 1028                                   | 80010                                 | 15                             | 1200                           | 7.0        |
|  | 79-04-17       | 1640 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445559093220202                              | 79-04-05       | 1315 | 117N21W20ABD2      | w16                      | 10.5                       | 1028                                   | 80010                                 | 2.0                            | 550                            | 7.4        |
|  | 79-04-05       | 1320 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445614093215302                              | 79-04-03       | 1235 | 117N21W17DDB3      | w17                      | 10.0                       | 1028                                   | 80010                                 | 10                             | 1100                           | 7.4        |
|  | 79-04-03       | 1240 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445654093215501                              | 79-03-29       | 1315 | 117N21W17BAC1      | w1                       | 11.0                       | 1028                                   | 80010                                 | 15                             | 760                            | 7.5        |
|  | 79-03-29       | 1320 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445614093220303                              | 79-03-27       | 1325 | 117N21W17DCA3      | w18                      | 10.0                       | 1028                                   | 80010                                 | 10                             | 1180                           | 7.2        |
|  | 79-03-27       | 1330 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445607093222102                              | 79-03-22       | 1530 | 117N21W17CDD2      | w19                      | 10.8                       | 1028                                   | 80010                                 | 10                             | 700                            | 7.5        |
|  | 79-03-22       | 1535 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445605093215101                              | 79-03-22       | 1245 | 117N21W20AAB1      | w20                      | 9.5                        | 1028                                   | 80010                                 | 10                             | 990                            | 7.5        |
|  | 79-03-22       | 1250 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445630093222101                              | 79-03-27       | 1045 | 117N21W17CAA1      | w22                      | 11.0                       | 1028                                   | 80010                                 | 10                             | 675                            | --         |
|  | 79-03-27       | 1050 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445619093221801                              | 79-04-17       | 0930 | 117N21W17CDA1      | w26                      | 10.5                       | 1028                                   | 80010                                 | 9.1                            | 730                            | 7.4        |
|  | 79-04-17       | 0935 |                    |                          | --                         | 1028                                   | 9727                                  | --                             | --                             | --         |
| 445651093222902                              | 79-03-20       | 1230 | 117N21W17BCD2      | w100                     | 10.0                       | 1028                                   | 1028                                  | 9.7                            | 730                            | 7.4        |