

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft.) | CASING | | WATER BEARING UNIT | ALTITUDE ABOVE (+) OR BELOW LAND SURFACE DATUM (ft.) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|----------------|--------------------------|---------------------------------|----------------|---------------------|----------------|-------------|--------------------|--|---------------------|---|----------------|--------------|--|
| | | | | | DIAMETER (in.) | DEPTH (ft.) | | | DATE OF MEASUREMENT | DEPTH OF SURFACE (ft.) | | | |
| * YD-58-35-407 | Austin White Lime | Taylor Virshell | 1952 | 396 | 10 | 15 | Keeb Kegru | 845 | 62 58.2 79.3 | Jan. 23, 1952 Jan. 20, 1969 Jan. 20, 1981 | S, E | P | |
| 413 | W. F. Morrow | L. Daniels | 1929 | 336 | 5 | 3 | Keeb | 855 | 150 74.15 | Nov. 14, 1939 Aug. 24, 1978 | S, E | N | Pump Inoperative. |
| * 415 | Austin White Lime | -- | -- | 112 | 6 | 12 | Keeb | 830 | 102 95.6 | June 8, 1950 Jan. 20, 1981 | S, E | S, Irr | |
| 418 | Parker | --Glass | 1966 | 88 | 7 | 88 | Keeb | 770 | 65 70.28 | Nov. 30, 1966 Mar. 1, 1978 | S, E | D | Reported yield, 15 gal/min. 3 |
| 420 | Albert Paul | --Sterzing | 1964 | 280 | 7 | 90 | Keeb | 767 | 57.75 | Jan. 20, 1981 | S, E | D | |
| 501 | L. Robinson | -- | 1889 | 276 | 5 | -- | Keeb | 831 | 241.0 231.8 | Oct. 11, 1940 Mar. 1, 1978 | C, W | S | |
| * 506 | Capital Memorial Park | -- | -- | 533 | 7 | 408 | Keeb | 795 | -- | -- | S, E | Irr, D | Reported yield, 250 gal/min. 3 |
| * 508 | Mrs. Karl B. Wagner | Hunter | 1939 | 465 | 6 | 165 | Keeb | 740 | 225 173.6 | Jan. 20, 1981 | S, E | S | |
| 509 | Pamela Subdivision | C. T. Sterzing | 1960 | 550 | 8 | 180 | Keeb | 853 | 278 | 1971 | S, E | P | Supplies 34 homes. 2 1/2 |
| 510 | Tin's Airpark | Dick Sanders | 1965 | 459 | 7 | 298 | Keeb | 760 | 250 139.45 | Nov. 27, 1965 Jan. 20, 1981 | S, E | N | Oily water. 1/2 |
| * 511 | Austin White Lime | C. T. Sterzing | 1963 | 200 | 7 | 50 | Keeb | 822 | 160 149.3 | Apr. 25, 1963 Jan. 20, 1981 | S, E | D | Parmalee well. 1/2 |
| 513 | LampLighter Village | Thomas Arnold | 1977 | 540 | 6 | 400 | Keeb | 760 | 210 | -- | S, E | P | |
| 514 | C. M. Dieker | do | 1976 | 420 | 4 | 220 | Keeb | 875 | 189.69 | Feb. 23, 1978 | S, E | D | Water level questionable. 3/2 |
| 607 | William Kumpel | Cribbs & Davidson | 1935 | 609 | 10 | 420 | Keeb | 750 | 91.2 176.8 | Jan. 30, 1974 Jan. 20, 1981 | N | N | Supplied CCC Camp; drawdown, 130 feet when pumped at 40 gal/min. 1/2 3/4 |
| * 701 | Balcones Research Center | Texas Water Wells, Incorporated | 1942 | 610 | 4 | 320 | Keeb | 790 | 164.4 163.0 | Oct. 29, 1942 Oct. 14, 1970 | S, E | Ind, Irr | |
| 702 | Mrs. Tom Williams | --Martin | 1935 | 49 | 6 | 22 | Keeb | 873 | 16.0 13.0 | June 13, 1940 Jan. 20, 1981 | N | N | Depth before 1949 was 100 feet. 1/2 |
| 710 | Koenig | -- | -- | 272 | 6 | -- | Kegru | 875 | 28.1 36.7 | July 25, 1941 Jan. 20, 1981 | N | N | |
| * 713 | Harold Strickland | Dick Sanders | 1967 | 314 | 7 | 63 | Kegru | 880 | 106.5 118.4 | Sept. 28, 1970 Jan. 24, 1979 | S, E | Ind | Cemented from 0-63 feet. Reported yield, 200 gal/min. 1/2 |
| 802 | Anton Von Berg | W. H. Glass | 1948 | 465 | 7 | 307 | Keeb | 715 | 156.4 163.4 | Aug. 3, 1949 July 19, 1955 | N | N | Filled to 10 feet before Feb. 16, 1973. 2 1/2 |
| * 804 | G. F. Roberts | Robert Crouch | 1970 | 416 | 4 | -- | Keeb | 735 | 161.45 | Jan. 20, 1981 | S, E | Irr | |
| * 806 | John Mus | -- | 1932 | 459 | 6 | 203 | Keeb | 690 | 250 122.5 | June 5, 1940 Jan. 20, 1981 | S, E | D | |
| * 808 | Mrs. Richard Gracy | --Roggenkamp | 1976 | 460 | 5 | 300 | Keeb | 762 | 185.6 | Jan. 20, 1981 | S, E | D | |

Travis County--Continued

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (FE) | CASING | | ALTITUDE ABOVE (+) OR BELOW LAND SURFACE (FE) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------|--------------------------------|-------------------------------------|-------------------|--------------------|----------------|------------|---|---------------------|--|----------------|--------------|--|
| | | | | | DIAMETER (IN.) | DEPTH (FE) | | DATE OF MEASUREMENT | MEASURED ABOVE (+) OR BELOW SURFACE DATUM (FE) | | | |
| YD-58-35-809 | Mrs. Richard Gracy | A. C. Clements | 1933 | 445 | 6 | -- | 772 | 205 | Jan. 20, 1980 | N | N | Well destroyed June 6, 1980. <u>Y</u> <u>4</u> |
| * 906 | --Baker | --Arnold | 1976 | 600 | 4 | 500 | 750 | 166.5 | Jan. 20, 1981 | S, E | D | <u>Y</u> |
| 36-205 | G. Pruitt | Jimmy Galhoun | 1950 | 800 | 8 | 600 | 652 | +6.0 75.6 | July 24, 1973 May 8, 1978 | N | N | Measured flow 0.25 gal/min on July 24, 1973. <u>5</u> |
| 206 | do | do | 1950 | 614 | 8 | 400 | 692 | 120 114.85 | May 8, 1978 | N | N | <u>5</u> |
| * 402 | George Pfluger | H. Robertson | 1925 | 610 | 5 | 400 | 755 | 111.7 173.7 | Feb. 16, 1963 Jan. 20, 1981 | S, E | S, Irr | <u>Y</u> <u>3</u> |
| 41-907 | Helen Rice | Dick Sanders | 1967 | 640 | 8 | 5 | 970 | 200 | -- | S, E | D | Reported drawdown, 100 feet after hauling for 1.5 hours at 200 gal/min. <u>2</u> |
| * 42-306 | W. H. Peterson | E. W. Glass | 1970 | 431 | 7 | 6 | 590 | 60.8 85.5 | Mar. 4, 1971 Jan. 11, 1980 | S, E | Irr | No drawdown when pumped at 20 gal/min. <u>Y</u> |
| * 608 | F. M. Pearce | J. R. Johnson | 1939 | 145 | 10 | -- | 565 | 101.0 | Jan. 20, 1981 | S, E | Pool | <u>Y</u> |
| 703 | Lost Creek Development Company | Central Texas Drilling | 1972 | 620 | 6-5/8 | 510 | 680 | 164.1 | Nov. 10, 1972 | S, E | P | Measured yield, 75 gal/min. <u>4</u> |
| 805 | Eneas School | S. W. Glass | 1954 | 876 | 7 | 705 | 770 | 217 229.0 | Nov. 13, 1954 Jan. 21, 1981 | N | N | Reported drawdown, 190 feet at 22 gal/min in Nov. 1954. <u>Y</u> <u>2</u> <u>4</u> |
| * 809 | Carlaysia Schelle | --Glass | 1949 | 340 | 6 | 98 | 720 | 298.9 285.7 | Feb. 16, 1949 Mar. 10, 1978 | S, E | D | -- |
| 810 | --Swenson | Boston Furr | 1912 | 295 | 6 | 80 | 700 | 190 188.2 | Mar. 7, 1949 Jan. 21, 1981 | N | N | <u>Y</u> |
| 812 | W. F. Guyton | C. T. Sterzing | 1958 | 375 | 7 | 140 336 | 745 | 256 284.0 | Sept. 19, 1948 Aug. 29, 1978 | S, E | D | Cemented from 0-140 feet slotted from 237-236 feet. Measured drawdown, 1.5 feet after pumping 1 hour at 20 gal/min on June 5, 1969. <u>2</u> |
| * 813 | G & J Water Company | do | -- | 300 | 8 | -- | 660 | 221.9 | Jan. 21, 1981 | S, E | P | This well supplies 15 families. <u>Y</u> |
| * 814 | Dellano Hills | do | -- | 300 | 10 | -- | 660 | 213.9 | Mar. 15, 1978 | S, E | P | This well supplies 24 families. |
| * 817 | U.S. Geological Survey | Texas Department of Water Resources | 1978 | 257 | 6 | 30 | 762 | 218.1 | Jan. 11, 1980 | N | N | U.S. Geological Survey test well no. 1. <u>Y</u> <u>2</u> <u>4</u> |
| * 818 | --Swenson | C. T. Sterzing | 1953 | 300 | 6 | -- | 700 | 227.9 | Mar. 8, 1978 | S, E | D | -- |
| 903 | City of Austin | -- | 1920 ^a | 57 | 5 | 50 | 460 | 19.5 28.35 | Jan. 29, 1949 Jan. 20, 1981 | S, E | N | Open hole below casing. Water-level recorder on this well. <u>Y</u> <u>3</u> |
| 911 | Bee Caves Properties | Charles Dellano | 1920 ^a | 135 | 6 | 90 | 517 | 81 78.4 | Dec. 3, 1937 Jan. 21, 1981 | S, E | D, Irr | Originally dug to 90 feet then drilled to 135 feet. <u>Y</u> <u>3</u> |
| * 913 | Park Hills Baptist Church | Richard Bible | 1969 | 180 | 7 | 165 | 540 | 105.2 | Jan. 21, 1981 | S, E | D | <u>Y</u> |
| * 914 | City of Austin | -- | -- | Spring | -- | -- | 435 | -- | -- | Flow | P | Barton Springs, main springs 1 and 2. |
| 921 | do | -- | -- | Spring | -- | -- | 450 | -- | -- | Flow | P | Ellina or Park Springs near bathhouse. |
| 922 | do | -- | -- | Spring | -- | -- | 465 | -- | -- | Flow | P | Wash or Old Hill Springs. |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (FE) | CASING | | WATER BEARING UNIT | ALTITUDE OF LAND SURFACE (FT) | ABOVE (+) OR BELOW SURFACE DATUM (FT) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------|-----------------------------------|---------------------------------|----------------|--------------------|----------------|------------|--------------------|-------------------------------|---------------------------------------|---------------------|--------------------------------|----------------|--------------|---|
| | | | | | DIAMETER (IN.) | DEPTH (FT) | | | | DATE OF MEASUREMENT | MEASUREMENT | | | |
| YD-58-42-925 | Jimmy Shipwash | Richard Bible | 1975 | 180 | 5 | 180 | Kceb | 575 | 140.2 | | Jan. 21, 1981 | S, E | Irr | 1/3 |
| * 926 | Eugene Jacobs | Hugh Glass | 1963 | 190 | 6 | -- | Kceb | 600 | 159.0 | | do | S, E | Irr | 1/1 |
| 43-101 | Jorrison Chemical Company | Layne-Texas Company | 1940 | 458 | 10-3/4 | 406 | Kceb | 721 | 196 177.4 | | Oct- July 23, 1951 | N | N | 2/5 |
| 106 | H. F. Robinson | H. Watson | 1927 | 395 | 5 | 248 | Kceb | 733 | 300 | | 1940 | C, W | D | 2/1 |
| * 205 | Houston Instruments | Thomas Arnold | 1976 | 563 | 411 | 520 | Kceb | 630 | 82.0 | | Jan. 20, 1981 | N | N | 1/4 |
| * 206 | H. M. Reese | E. A. Glass | 1970 | 400 | 7 | 220 | Kceb | 700 | 118.5 | | do | S, E | D | 1/1 |
| 303 | B. F. Payton | B. F. Payton | 1940 | 1,456 | 6 | 1,076 | Kcgr | 633 | 21.2 60.15 | | July 24, 1941 Jan. 20, 1981 | N | N | 2/4 5 |
| 401 | North Austin State Hospital | Hugh McGillivray | 1895 | 1,975 | -- | -- | Kcbo, Kcgr1 | 635 | 15 | | Sept. 1941 | N | N | 2/1 |
| 403 | Texas Department of Public Safety | Texas Water Wells, Incorporated | 1962 | 353 | 10-3/4 | 300 | Kceb | 680 | 63 | | Apr. 20, 1962 | S, E | Ind | 2/1 |
| 705 | University of Texas | Glass & Tucker | 1972 | 445 | 7 | 205 | Kceb | 599 | 31.6 52.9 | | Mar. 30, 1973 Jan. 20, 1981 | N | N | 1/4 |
| 49-309 | Jack Mann | Richard Bible | 1969 | 260 | 7 | 155 | Kceb Kcgr1 | 975 | 128.4 133.50 | | Mar. 6, 1969 Mar. 24, 1978 | S, E | D | Reported 0 drawdown when bailed at 20 gal/min. 3/3 |
| 314 | W. E. McCullough | S. W. Glass | 1967 | 375 | 7 | 178 | Kcgr1 | 850 | -- | | -- | S, E | D, S | Reported drawdown 15 feet when bailed at 40 gal/min for 1 hour. |
| 316 | Cecil Herrin | Richard Bible | 1968 | 340 | 7 | 18 | Kcgru, Kcgr1 | 940 | 192.3 240.0 | | Nov. 16, 1970 Jan. 21, 1981 | S, E | D | -- |
| 321 | S. V. Water Corporation | Central Texas Drilling | 1977 | 440 | 5 | -- | Kcgru, Kcgr1 | 920 | 287.2 | | Jan. 26, 1981 | S, E | P | -- |
| 322 | H. L. Harrie | Frankie Glass | 1972 | 480 | 7 | 42 | Kcgru, Kcgr1 | 970 | 164.3 | | Feb. 3, 1981 | S, E | D | -- |
| 507 | Appaloosa Run | Red Sanders | 1973 | 575 | 7 | 43 | Kcgru, Kcgr1 | 983 | 227.7 | | Feb. 8, 1979 | N | N | Reported yield: 30 gal/min with 80 feet drawdown on August 3, 1973. 3/3 |
| 603 | O. B. McKeon, Jr. | Dick Sanders | 1949 | 92 | 8-6 | 92 | Kcgru | 890 | 26.78 | | Jan. 23, 1909 | S, E | D | -- |
| * 604 | do | C. T. Sterzlog | 1957 | 565 | 7 | 450 | Kcgr1 | 898 | 100.00 | | Feb. 3, 1981 | S, E | Irr | Reported yield 28 gal/min. |
| 605 | Circle C Ranch | --Hutchins | 1922 | 1,000 | 5 | 1,000 | Kcgr1 | 785 | 151.45 | | June 9, 1978 | S, E | S | 5/1 |
| 606 | do | --Glass | 1977 | 400 | 6 | 400 | Kcgru | 881 | 131.70 | | Aug. 22, 1978 | S, E | D | 5/1 |
| * 50-101 | T. A. Beckett, Jr. | Will Beckett | 1921 | 217 | 7 | 12 | Kceb | 810 | 167.7 | | Jan. 23, 1981 | S, E | D | 1/1 |
| 102 | do | T. A. Beckett, Sr. | 1902 | 250 | 6 | 10 | Kceb | 850 | 141.35 | | do | S, E | S | 1/1 |
| 105 | L. L. Hart | A. C. Clements | -- | 325 | 10 | -- | Kceb | 810 | 144.61 | | Mar. 14, 1978 | C, E | N | 5/1 |
| 106 | Payne Lewis | -- | 1898 | 100 | 6 | 12 | Kcgru | 850 | 79 82.0 | | Mar. 16, 1950 Jan. 23, 1981 | N | N | -- |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (FE) | CASING | | ALTITUDE OF LAND SURFACE (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------------------|------------------------|-------------------------------------|----------------|--------------------|----------------|------------|-------------------------------|---|---------------------|----------------|--------------|--|
| | | | | | DIAMETER (In.) | DEPTH (ft) | | ABOVE (+) OR BELOW (-) SURFACE DATUM (ft) | DATE OF MEASUREMENT | | | |
| Travis County--Continued | | | | | | | | | | | | |
| YD-58-50-107 | Elmo Pearson | C. T. Sterzing | -- | 615 | 7 | 155 | 790 | 170 | -- | S, E | S, Irr | Reported yield, 10 gal/min. <u>2</u> |
| 110 | -- | Wall Beckett | 1901 | 217 | 6 | 10 | 755 | 136.5 | Jan. 23, 1981 | S, E | N | -- |
| 117 | Dahlstrom Corporation | Electro Mechanics Company | 1972 | 767 | 9-5/8 | 207 | 763 | 132 | Oct. 1, 1972 | N | N | Well capped. <u>2</u> <u>4</u> <u>5</u> |
| 201 | Elizabeth Jentsch | Gus Sanders | 1917 | 290 | 4 | -- | 655 | 190 | July 1937 | S, E | Irr | <u>1</u> |
| | | | | | | | | 197.45 | Jan. 23, 1981 | | | |
| * | Kenneth Wingfield | W. H. Glass | 1968 | 257 | 7 | 53 | 680 | 204 | June 17, 1969 | S, E | D | Reported yield, 10 gal/min. Cemented from 0-53 feet. <u>1</u> |
| 209 | H. E. Brodie | -- | 1915 | 330 | 8 | 300 | 710 | 270.0 | Mar. 23, 1949 | S, E | D | <u>5</u> |
| | | | | | | | | 272.60 | May 17, 1978 | | | |
| * | Travis Country Estates | Richard Bible | 1973 | 282 | 7 | 265 | 670 | 227.5 | Nov. 10, 1971 | S, E | Irr | <u>1</u> |
| | | | | | | | | 196.7 | Jan. 23, 1981 | | | |
| 212 | City of Sunset Valley | C. T. Sterzing | 1955 | 336 | 7 | -- | 672 | 256.25 | May 16, 1978 | S, E | P | Reported yield, 70 gal/min. <u>5</u> |
| 213 | B411 Ashbaugh | -- | -- | 300 | 7 | -- | 705 | 226.1 | Jan. 17, 1973 | S, E | D | <u>1</u> |
| | | | | | | | | 218.2 | Jan. 26, 1981 | | | |
| 214 | Ray Brownlee | A. C. Clements | 1935 | 302 | 5 | -- | 710 | 247.7 | Jan. 23, 1981 | S, E | N | Pump inoperative. <u>1</u> |
| * | City of Sunset Valley | Tom Arnold | 1976 | 360 | 6-5/8 | 200 | 675 | -- | -- | S, E | P | -- |
| 216 | U.S. Geological Survey | Texas Department of Water Resources | 1978 | 582 | 4 | 580 | 692 | 242.7 | Jan. 22, 1981 | N | N | U.S. Geological Survey test well no. 3. <u>1</u> <u>2</u> <u>4</u> |
| 217 | do | do | 1978 | 214 | 4 | 144 | 567 | 85.9 | Jan. 23, 1981 | N | N | U.S. Geological Survey test well no. 2A. <u>1</u> <u>2</u> <u>4</u> |
| 218 | do | do | 1978 | 214 | 4 | 136 | 567 | 126 | Aug. 1978 | N | N | U.S. Geological Survey test well no. 2. <u>4</u> |
| 219 | Travis Country Estates | -- | -- | 252 | 7 | -- | 732 | 226.75 | Dec. 22, 1980 | N | N | <u>1</u> <u>4</u> |
| 301 | John Lovelady | Gus Sanders | 1949 | 388 | 5 | 296 | 640 | 209.0 | July 29, 1949 | N | N | <u>1</u> <u>3</u> <u>4</u> |
| | | | | | | | | 176.2 | Jan. 23, 1981 | | | |
| 305 | Ralph Lowry | Nance & Bailey | 1923 | 780 | -- | -- | 640 | -- | -- | N | N | Abandoned oil test. <u>2</u> |
| 401 | Mrs. Travis Howard | --Glass | 1967 | 404 | 7 | 252 | 750 | 247.7 | Jan. 23, 1981 | S, E | D, S | <u>1</u> <u>2</u> |
| 402 | John Rehm | S. W. Glass | 1967 | 355 | 7 | 198 | 750 | 233.1 | Feb. 12, 1969 | S, E | D | Reported drawdown 60 feet, when bailed for 1 hour at 45 gal/min. <u>1</u> |
| | | | | | | | | 213.9 | Jan. 23, 1981 | | | |
| 406 | George Slaughter | John Glass | 1946 | 360 | 5 | 100 | 820 | 245 | May 1946 | S, E | D | -- |
| | | | | | | | | 298.26 | Aug. 11, 1978 | | | |
| 408 | Donald Rogers | E. W. Glass | 1971 | 439 | 7 | 125 | 772 | 181.4 | Jan. 23, 1981 | S, E | D | Reported drawdown 0 foot when pumped at 25 gal/min for 1 hour on Mar. 18, 1971. <u>1</u> |
| 409 | Circle C Ranch | W. H. Glass | 1972 | 450 | 7 | 450 | 796 | 182.15 | do | S, E | Irr | -- |
| 411 | do | --Glass | 1940's | 380 | 6 | -- | 772 | 227.75 | Jan. 26, 1981 | S, E | D | -- |
| 412 | do | do | 1972 | 295 | 7 | 194 | 809 | 159.55 | Jan. 23, 1981 | N | N | <u>1</u> <u>4</u> |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASING | | WATER BEARING UNIT | ALTITUDE OF LAND SURFACE (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------------------|--------------------------|------------------------|----------------|--------------------|----------------|------------|--------------------|-------------------------------|--|--------------------------------|----------------|--------------|--|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | | ABOVE (+) OR BELOW LAND SURFACE DATUM (ft) | DATE OF MEASUREMENT | | | |
| Travis County--Continued | | | | | | | | | | | | | |
| * YD-58-50-502 | Mrs. R. W. Herndon | --Glass | 1937 | 300 | 5-5/16 | 168 | Kceb | 740 | 250 244.1 | Aug. 22, 1949 Jan. 23, 1981 | S, E | Irr, S | <u>1</u> <u>3</u> |
| 504 | W. H. Perlitz | E. A. Glass | -- | 238 | 6 | 220 | Kceb | 720 | 208.60 | Mar. 9, 1978 | S, E | N | -- |
| 505 | Ted Swanson, Jr. | C. T. Sterzing | 1963 | 390 | 4 | 290 | Kceb | 710 | 210 | Feb. 9, 1963 | S, E | D | Reported drawdown, 50 feet after bailing at 8 gal/min on February 9, 1963. <u>2</u> |
| 517 | do | Central Texas Drilling | 1973 | 430 | 6-3/8 | 290 | Kceb | 695 | 112 174.9 | July 1973 Jan. 23, 1981 | S, E | Irr | Reported yield, 300 gal/min. |
| 518 | NHS Homes | -- | 1951 | 431 | 4 | -- | Kceb | 725 | 240.75 | Jan. 23, 1981 | N | N | <u>1</u> |
| 703 | Marbridge Foundation | C. T. Sterzing | 1966 | 455 | 7 | 232 | Kceb | 680 | 141.50 189.90 | Apr. 19, 1973 Apr. 5, 1978 | S, E | Irr | Reported 0 drawdown when bailed at 15 gal/min. |
| * 704 | do | Central Texas Drilling | 1968 | 345 | 16 14 | 68 40 | Kceb | 727 | 140 180.55 | Feb. 5, 1968 Jan. 26, 1981 | S, E | Irr | Measured drawdown, 12 feet after pumping 72 hours at 942 gal/min, 2 feet at 578 gal/min, and 1 foot at 473 gal/min. <u>1</u> |
| 706 | R. W. Wallace | C. T. Sterzing | 1962 | 305 | 7 | 160 | Kceb | 700 | 205 | Nov. 9, 1962 | N, N | -- | Reported yield 10 gpm. <u>2</u> |
| 714 | T. T. Denham | W. H. Glass | 1969 | 190 | 7 | 188 | Kceb | 710 | 65 160.5 | Sept. 14, 1969 Feb. 8, 1979 | S, E | D | Cemented from 0-120 feet. <u>1</u> |
| 720 | Robert Hejl | Hugh Glass | 1968 | 230 | 7 | 125 | Kceb | 660 | 111.35 | Feb. 6, 1981 | S, E | S | <u>1</u> |
| 801 | C. H. Bird | Williamson & Adair | 1939 | 277 | 5-1/4 | 200 | Kceb | 662 | 85 94.4 | Feb. 17, 1941 Jan. 23, 1981 | S, E | N | Reported yield, 10 gal/min. <u>1</u> <u>3</u> |
| 804 | H. A. Townsley | -- | -- | 390 | 6 | -- | Kceb | 713 | 168.40 199.60 | Feb. 17, 1941 Mar. 16, 1978 | C, W, E | D | -- |
| * 810 | A. L. Wunneburger | Emmett Glass | 1969 | 359 | 7 | 205 | Kceb | 625 | 20 49.4 | July 30, 1969 Jan. 30, 1981 | S, E | D | Reported drawdown, 20 feet after bailing 1 hour at 40 gal/min. <u>1</u> |
| 817 | Manhaca Methodist Church | C. T. Sterzing | 1956 | 400 | 7 | 167 | Kceb | 700 | 200 160.8 | 1956 Jan. 26, 1981 | S, E | D | Reported yield, 30 gal/min. <u>1</u> <u>2</u> |
| 822 | Max Ladusch | --Owens | 1970 | 356 | 7 | 187 | Kceb | 655 | 86 130.95 | Feb. 16, 1970 Jan. 23, 1981 | S, E | N | Reported drawdown, 70 feet when bailed at 40 gal/min. <u>1</u> |
| 836 | Onion Creek Golf Course | Central Texas | 1973 | 500 | 8 | 222 | Kceb | 660 | 36.9 117.3 | Apr. 27, 1973 Jan. 26, 1981 | S, E | Irr | Estimated yield, 220 gal/min. <u>1</u> |
| 839 | Maha Water Supply | Frank Glass | 1977 | 450 | 12 | 160 | Kceb | 625 | 77.36 | Aug. 14, 1978 | E, T | P | <u>5</u> |
| 903 | R. B. Gault | S. W. Glass | -- | 302 | -- | -- | Kceb | 631 | -- | -- | C, E | Irr | -- |
| 58-202 | Mystic Oaks Estates | Central Texas Drilling | 1969 | 405 | 6-5/8 | 310 | Kceb | 660 | 48.7 | Aug. 5, 1969 | S, E | P | <u>4</u> |
| 203 | Raymond Canon | W. H. Glass | 1967 | 263 | 7 | 131 | Kceb | 630 | + 51.9 | Apr. 27, 1973 Feb. 5, 1981 | S, E | D | Estimated flow 10 gal/min on Apr. 27, 1973. <u>1</u> |
| 301 | United Gas Pipeline | -- | 1943 | 703 | 6 | 639 | Kceb | 734 | 159.7 149.7 | Apr. 1, 1943 Jan. 23, 1981 | N | N | U.S. Geological Survey observation well. <u>1</u> <u>3</u> |
| 304 | R. C. Brown | --Wells | 1947 | 720 | 8 | 500 | Kceb | 660 | 55.4 | Jan. 30, 1981 | S, E | N | -- |
| 59-105 | Arthur Johnson | Dixie Oil Company | 1925 | 745 | -- | -- | -- | 655 | -- | -- | N | N | Abandoned oil test. <u>2</u> |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASING | | ALTITUDE OF LAND SURFACE (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------|--------------------|-------------------------------------|----------------|--------------------|----------------|------------|-------------------------------|--|---------------------|----------------|--------------|---|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | ABOVE (+) OR BELOW LAND SURFACE DATUM (ft) | DATE OF MEASUREMENT | | | |
| 2K-58-03-802 | Solana Ranch | -- | -- | Spring | -- | -- | 830 | -- | -- | Flows | N | Measured flow 175 gal/min on May 21, 1981. |
| 803 | do | -- | -- | Spring | -- | -- | 850 | -- | -- | Flows | N | Measured flow 112 gal/min on May 21, 1981. |
| * 11-201 | BLI Culbert | Robert N. Wolf | 1970 | 150 | 6 | 3 | 891 | 70 | Apr. 30, 1970 | S, E | D, S | 2 |
| 301 | Solana Ranch | -- | -- | Spring | -- | -- | 738 | -- | -- | Flows | N | Measured flow 59 gal/min on May 18, 1981. |
| 302 | do | -- | -- | Spring | -- | -- | 778 | -- | -- | Flows | N | Measured flow 97 gal/min on May 18, 1981. |
| * 502 | John Suddith | Verley Hunt | 1970 | 500 | 6 | 93 | 865 | 280 | Feb. 13, 1970 | S, E | D, S | -- |
| 601 | State of Texas | Texas Department of Water Resources | 1980 | 209 | 3 | 50 | 830 | 242.45 | May 13, 1976 | N | N | 4 |
| 602 | do | do | 1980 | 174 | 3 | 41 | 865 | 155 | July 23, 1980 | N | N | 2 4 |
| 603 | do | do | 1981 | 262 | 3 | 262 | 840 | 154.85 | May 7, 1981 | N | N | 2 4 |
| * 701 | Marvin Edwards | Verley Hunt | 1962 | 150 | -- | -- | 930 | 208 | Apr. 15, 1981 | N | N | Slotted from 210 to 262 feet. |
| 702 | Otis Gore | do | 1973 | 200 | 7 | 100 | 895 | 208.80 | June 4, 1981 | S, E | D, S | -- |
| * 703 | do | do | 1973 | 150 | 7 | 100 | 908 | 80 | July 1973 | S, E | D | Pump set at 189 feet. Perforated from 80 to 100 feet. 2 |
| 704 | State of Texas | Texas Department of Water Resources | 1980 | 138 | 3 | 21 | 910 | 90 | do | S, E | P | Pump set at 140 feet. |
| * 802 | Hartwin Holmstrom | -- | -- | 90 | 8 | -- | 810 | 107.88 | June 26, 1980 | N | N | 1 2 4 |
| * 901 | Don Irvine | -- | -- | 110 | 7 | -- | 762 | 81 | July 22, 1972 | S, E | D, S | 1 2 4 |
| * 902 | H. F. McLarren | Dale Faught | 1974 | 170 | 6-5/8 | 20 | 845 | 87.96 | Jan. 21, 1981 | S, E | D, S | 1 2 |
| 903 | do | do | 1974 | 158 | 6 | 20 | 840 | 70.60 | July 22, 1972 | S, E | D | 1 2 |
| 904 | Jim Sybert | do | 1974 | 180 | 6 | -- | 840 | 71.06 | Jan. 21, 1981 | S, E | D, S | 1 2 |
| 905 | Ray Schubert | Tom Arnold | 1972 | 280 | 4 | 170 | 800 | 135 | Nov. 16, 1974 | S, E | D | Cemented from 20 feet to surface. 2 |
| * 12-401 | F. T. Viktorin | Marion Johnson | 1915 | 615 | 6 | -- | 890 | 139.09 | Jan. 21, 1981 | S, E | D | 2 |
| 402 | do | George Hunt | 1936 | 417 | 6 | 240 | 905 | 138 | June 6, 1974 | S, E | D | -- |
| * 404 | do | -- | 1958 | 400 | -- | -- | 890 | 145 | Oct. 11, 1974 | S, E | D, S | -- |
| * 405 | Felix Schwertner | -- | -- | 400 | 6 | -- | 903 | 60 | Dec. 28, 1972 | S, E | D | 2 |
| 406 | S. J. Seward No. 1 | S. L. Carpenter | 1948 | 2,023 | -- | -- | 893 | 242 | Feb. 28, 1941 | C, G | P | -- |
| | | | | | | | | 245.65 | Mar. 16, 1966 | C, W | P | -- |
| | | | | | | | | 263.12 | Mar. 20, 1941 | S, E | P | Pump set at 300 feet. |
| | | | | | | | | 260.23 | May 12, 1967 | C, E | D, S | 1 2 3 |
| | | | | | | | | 273 | Sept. 7, 1949 | N | N | Oil test. 4 |
| | | | | | | | | 271.25 | June 4, 1981 | | | |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASING | | WATER BEARING UNIT | ALTITUDE OF LAND SURFACE (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|------------------------------|------------------------|-------------------------------------|----------------|--------------------|----------------|-----------------------|--------------------|-------------------------------|--|--------------------------------|----------------|--------------|--|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | | ABOVE (+) OR BELOW LAND SURFACE DATUM (ft) | DATE OF MEASUREMENT | | | |
| Williamson County--Continued | | | | | | | | | | | | | |
| * 2K-58-12-407 | Jarrell-Schwertner WSC | Hervey Meadows | 1970 | 390 | 8-5/8 | 320 | Kceb | 900 | 280 | June 24, 1970 | T, E | P | Cemented from 320 feet to surface. 2/ |
| * 408 | Wilson Raven | W. F. Gibson | 1973 | 480 | 7 | 319 | Kceb | 850 | 200 218.93 | Oct. 20, 1973 Feb. 28, 1980 | S, E | D, S | Cemented from 10 feet to surface. 2/ |
| * 409 | Jarrell-Schwertner WSC | A. R. Roggenkamp | 1979 | 397 | 6-5/8 | 320 | Kceb | 900 | 362 | Feb. 21, 1979 | S, E | P | Cemented from 320 feet to surface. 2/ |
| * 502 | Paul Knapke | W. F. Gibson | 1968 | 610 | 7 | 454 | Kceb | 790 | 210 230.77 | Apr. 25, 1968 Jan. 21, 1981 | S, E | D, S | Cemented from 20 feet to surface. 1/ 2/ |
| * 601 | Adolph Schwertner | Angie Brothers | 1910 | 1,410 | 12 6 | 200 600 | Kceb | 690 | 200 | Aug. 17, 1940 | S, E | P | 1/ 3/ |
| * 701 | Stanley Daneck | Thomas Arnold | 1974 | 500 | 4-1/2 | 365 | Kceb | 868 | 218.60 | May 6, 1976 | S, E | D | Cemented from 10 feet to surface. 2/ |
| * 702 | Eric Domei | W. F. Gibson | 1971 | 510 | 7 | 380 | Kceb | 835 | 208.90 | do | S, E | D | Do. |
| * 703 | James King | Thomas Arnold | 1978 | 440 | 4 | 280 | Kceb | 910 | 250 252 | Jan. 27, 1976 July 7, 1978 | S, E | D | Do. |
| * 801 | John Nemic | W. F. Gibson | 1973 | 580 | 7 | 427 | Kceb | 820 | 217 | May 1, 1973 | H, E | D | Do. |
| * 13-501 | City of Bartlett | J. W. Dyson | 1903 | 1,320 | 10 6 | -- | Kceb | 601 | Flows 29.1 | Feb. 15, 1941 Apr. 2, 1969 | A, E | N | Reported yield 350 gal/min. |
| 502 | do | Layne Texas Company | 1936 | 1,595 | 8 | 1,006 | Kceb | 600 | Flows | Feb. 5, 1941 | T, E | N | Pumping level 150 feet at 200 gal/min on October 5, 1936. Pump set at 160 feet. Reported yield 235 gal/min. 2/ |
| 503 | do | J. L. Meyers Sons | 1958 | 2,617 | 10 7 5 | 765 2,471 2,617 | Kcho | 600 | 50 101.6 | Mar. 15, 1958 Apr. 2, 1969 | T, E | P | Slotted from 2,471 to 2,617 feet. Pumping level 108 feet at 228 gal/min on February 9, 1965. Pump set at 300 feet. 3/ 4/ |
| 18-603 | Knight Springs | -- | -- | Spring | -- | -- | Kceb | 850 | -- | -- | Flows | N | Reported flow 0.89 cubic feet per second in July 1940 and 0.06 cubic feet per second in March 1964. |
| 903 | State of Texas | Texas Department of Water Resources | 1980 | 88 | 3 | 42 | Kceb | 900 | 69 68.05 | June 5, 1980 June 3, 1981 | N | N | 1/ 3/ 3/ |
| * 19-201 | Willford Schneider | Hugh Glass | 1971 | 113 | 7 | 19 | Kceb | 780 | 87 | June 3, 1971 | S, E | D, S | Drawdown of 29 feet pumping 5 gal/min on June 3, 1971. Cemented from 19 feet to surface. 3/ |
| 202 | Hullon Smith | Verley Hunt | 1971 | 155 | 7 | 57 | Kceb | 760 | 90 | June 1971 | S, E | D | 2/ |
| 203 | 4 T Ranch | Justin F. Smart | 1971 | 220 | 6 | -- | Kceb | 850 | 108.80 | July 11, 1978 | N | D, S | 2/ |
| * 204 | Willford Schneider | R. B. Bonnet | 1976 | 126 | 7 | 20 | Kceb | 810 | 85 94.65 | May 10, 1976 June 3, 1981 | S, E | D | 1/ |
| 205 | State of Texas | Texas Department of Water Resources | 1980 | 126 | 3 | 20 | Kceb | 800 | 93 95.05 | June 17, 1980 June 3, 1981 | N | N | 1/ 2/ 4/ |
| 206 | do | do | 1980 | 162 | 3 | 20 | Kceb | 860 | 72 89.97 | June 23, 1980 June 3, 1981 | N | N | 1/ 2/ 4/ |
| * 301 | James Chrislip | -- | -- | -- | 8 | -- | Kceb | 760 | 100.27 101.83 | Sept. 7, 1949 June 3, 1981 | S, E | D, S | Pump set at 100 feet. 1/ 3/ |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft.) | CASING | | WATER BEARING UNIT | ALTITUDE OF LAND SURFACE (ft.) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|----------------|---------------------------|-------------------------------------|----------------|---------------------|-----------------|-------------|--------------------|--------------------------------|---------------------|---|----------------|--------------|---|
| | | | | | DIAM-ETER (in.) | DEPTH (ft.) | | | DATE OF MEASUREMENT | ALTI-TUDE ABOVE (+) OR BELOW LAND SURFACE DATUM (ft.) | | | |
| * 2K-58-19-302 | --Gaddell | Thomas Arnold | 1970 | 320 | -- | -- | Kceb | 755 | 95 | 7, 1970 Jan. 20, 1981 | S, E | D | 2/2 |
| * 303 | Donald Hoyle | Verley Hunt | 1972 | 175 | 7 | 23 | Kceb | 730 | 80 | May 1972 June 3, 1981 | S, E | D | 2/2 |
| * 304 | Walter E. Hickman | Thomas Arnold | 1971 | 278 | 4 | 150 | Kceb | 820 | 147 133.07 | 1971 Feb. 29, 1980 | S, E | D | 2/2 |
| * 305 | -- | -- | -- | Spring | -- | -- | Kceb | 700 | -- | -- | Flows | N | Measured flow 2 gal/min on May 14, 1981. |
| * 306 | Norman and Sons Ready Mix | -- | 1975 | 112 | 14 | -- | Kceb | 691 | -- | -- | S, E | Ind | -- |
| * 401 | Clyde Krause | R. B. Bonnet | 1970 | 267 | 8-1/2 | 5 | Kcgr | 850 | 104.70 | July 15, 1972 | S, E | D | 2/2 |
| * 402 | Roy Gunn | -- | 1900 | 110 | -- | -- | Kceb | 930 | 105 | July 22, 1972 | S, E | D, S | -- |
| * 403 | State of Texas | Texas Department of Water Resources | 1980 | 137 | N | N | Kceb | 885 | -- | -- | N | N | Test well. Abandoned. 2/2 |
| * 404 | do | do | 1980 | 131 | 3 | 20 | Kceb | 900 | 66 65.80 | June 13, 1980 June 3, 1981 | N | N | 2/2 2/2 |
| * 501 | City of Georgetown | -- | -- | 40 | -- | -- | Kceb | 760 | -- | -- | -- | P | Reported yield 15 gal/min. |
| * 502 | Wanda Urabel | Bonnet Drilling Company | 1975 | 124 | 5 | 124 | Kceb | 740 | 60 | Oct. 29, 1975 | S, E | D | Perforated from 84 to 124 feet. 2/2 |
| * 503 | Thomas G. Sams | Thomas Arnold | 1971 | 180 | 4 | 90 | Kceb | 750 | 70 76.42 | June 22, 1971 June 3, 1981 | S, E | D | 2/2 |
| * 504 | --McKeighan | Verley Hunt | 1969 | 44 | 7 | 44 | Kceb | 695 | 30 30.90 | Apr. 1969 July 13, 1978 | S, E | D | -- |
| * 505 | Ralph Petty | R. B. Bonnet | 1978 | 90 | 8 | 58 | Kceb | 720 | 57.90 52.56 | Sept. 5, 1978 June 3, 1981 | J, E | D | 2/2 |
| * 506 | Lewis Barnes | Associated Drillers | 1978 | 110 | 4 | 110 | Kceb | 750 | 81 | Nov. 1978 | N | D | 2/2 |
| * 507 | City of Georgetown | Byron Boucher | 1979 | 180 | 12 | 160 | Kceb | 770 | 82 | Feb. 1979 | T, E | P | Measured drawdown of 10 feet after pumping 602 gal/min for 3 hours in March 1979. Pump set at 138 feet. 2/2 2/2 |
| * 508 | do | do | 1979 | 199 | 8 | 6 | Kceb | 730 | 48 | Feb. 26, 1979 | N | P | 2/2 2/2 |
| * 509 | do | Western Water Wells | 1980 | 185 | -- | -- | Kceb | 740 | 81 | Dec. 10, 1980 | N | N | Test Hole. 2/2 |
| * 510 | do | do | 1980 | 186 | -- | -- | Kceb | 760 | 83 | Dec. 11, 1980 | N | N | Test Hole. 2/2 |
| * 601 | Mrs. N. L. Mann | -- | 1950 | 100 | 12 | -- | Kceb | 660 | Flows | June 14, 1968 | T, E | Irr | Reported flow 20 gal/min. |
| * 602 | A. G. Braun | --Harper | 1948 | 47 | 7 | 18 | Kceb | 700 | 20.14 28.80 | Aug. 4, 1950 July 9, 1956 | J, E | N | Open hole completion from 18 to 47 feet. |
| * 605 | do | Hunt and Morgan | 1956 | 56 | 12 | 19 | Kceb | 700 | 27.18 3.65 | Jan. 9, 1957 Apr. 2, 1969 | N | N | Open hole completion from 19 to 56 feet. |
| * 606 | do | --Robinson | 1940 | 100 | 6 | -- | Kceb | 700 | 27 | Aug. 4, 1950 | C, W | D, S | -- |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASING | | WATER BEARING UNIT | ALTITUDE OF LAND SURFACE (ft) | HEIGHT ABOVE (+) OR BELOW SURFACE DATUM (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------|----------------------|-------------------------------------|----------------|--------------------|----------------|------------|--------------------|-------------------------------|--|---------------------|-------|----------------|--------------|---|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | | | DATE OF MEASUREMENT | FLOW | | | |
| ZK-58-19-609 | Berry Springs | -- | -- | Spring | -- | -- | Keob | 660 | -- | -- | -- | Flows | N | Flowed 13 cubic feet per second in March 1964. |
| * 610 | Leroy Buchhorn | Thomas Arnold | 1973 | 270 | 4 | 140 | Keob | 740 | 60 | Jan. 3, 1973 | S, E | D | | <u>2/2</u> |
| * 611 | John Hoyle | Verley Hunt | 1971 | 200 | 7 | 40 | Keob | 730 | 50 | May 1971 | S, E | D | | <u>2/2</u> |
| * 612 | Leroy Homair | Thomas Arnold | 1976 | 180 | 4-1/2 | 80 | Keob | 695 | 10 | Sept. 7, 1976 | S, E | D | | <u>2/2</u> |
| 613 | Dave Swagman | do | 1976 | 190 | 5 | 80 | Keob | 690 | 12 | Sept. 14, 1976 | S, E | D | | -- |
| 614 | Rubin Lehman | do | 1979 | 675 | 5 | 290 | Kegr | 660 | 12 | Dec. 1979 | N | D | | Open hole from 290 to 675 feet. |
| 615 | Bob Stontom | do | 1978 | 207 | 10-3/4 | 6 | Keob | 705 | 38 | Jan. 18, 1980 | N | N | | Test well. <u>4</u> |
| 702 | State of Texas | Texas Department of Water Resources | 1980 | 106 | 3 | 62 | Keob | 870 | 79 | May 21, 1981 | N | N | | <u>2/2</u> <u>4</u> |
| 703 | do | do | 1980 | 105 | 3 | 21 | Keob | 905 | 79 | June 2, 1980 | N | N | | <u>2/2</u> <u>4</u> |
| 704 | H. B. Zachry Company | Morgan Wright | 1981 | 846 | 9 | 30 | Kegr | 860 | 158 | Apr. 20, 1981 | N | Ind | | <u>4</u> |
| 705 | do | do | 1981 | 860 | 9 | 30 | Kegr | 830 | 173 | Apr 1 14, 1981 | N | Ind | | <u>4</u> |
| 706 | do | do | 1981 | 898 | 9 | 40 | Kegr | 950 | 233 | Apr. 25, 1981 | N | Ind | | <u>4</u> |
| * 802 | City of Georgetown | --Hartson | 1912 | 100 | -- | -- | Keob | 750 | 83.11 | June 8, 1940 | T, E | N | | Formerly public supply well. |
| * 803 | do | Layne-Texas Company | 1952 | 186 | 12-3/4 | 91 | Keob | 750 | 75.25 | Jan. 17, 1961 | T, E | N | | Open hole completion from 91 to 186 feet. Pumping level 1.00 feet at 754 gal/min on May 15, 1952. Pump set at 167 feet. <u>2/2</u> <u>3</u> |
| * 804 | do | do | 1952 | 210 | 12-3/4 | 103 | Keob | 750 | 88.8 | May 15, 1952 | T, E | P | | Open hole completion from 103 to 210 feet. Pumping level 97 feet at 759 gal/min on May 15, 1952. Pump set at 150 feet. <u>2</u> |
| * 805 | do | do | 1957 | 175 | 16 | 44 | Keob | 680 | 5 | June 24, 1957 | T, E | P | | Open hole completion from 44 to 175 feet. Pumping level 10 feet at 2,005 gal/min on June 24, 1957. Pump set at 80 feet. <u>2</u> |
| 806 | do | -- | -- | Spring | -- | -- | Keob | 650 | -- | -- | Flows | P | | Three springs had a measured flow of 694 gal/min on May 15, 1981. |
| 809 | do | Layne-Texas Company | 1946 | 1,698 | -- | -- | Kegr | 750 | -- | -- | N | N | | Test hole. <u>4</u> |
| 811 | Mobil Oil Company | Hunt Drilling Company | 1968 | 185 | 7 | 26 | Keob | 710 | 150 | Mar. 1968 | S, E | Ind | | Open hole completion from 26 to 185 feet. |
| 812 | City of Georgetown | J. M. Wright | 1974 | 225 | 12-3/4 | 150 | Keob | 740 | 45 | Mar. Sept. 12, 1978 | T, E | P | | Open hole completion from 150 to 225 feet. <u>2/4</u> |
| 813 | do | Byron Boucher | 1979 | 100 | -- | -- | Keob | 720 | -- | -- | N | N | | Test hole. <u>4</u> |
| 814 | do | do | 1979 | 168 | 8 | 10 | Keob | 740 | 69 | Feb. 21, 1979 | N | N | | Do. |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASING | | WATER BEARING UNIT | ALTITUDE OF LAND SURFACE (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS | |
|--------------|--------------------|--------------------------------|----------------|--------------------|----------------|------------|--------------------|-------------------------------|---|---------------------|----------------|--------------|---|---|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | | ABOVE (+) OR BELOW (-) SURFACE DATUM (ft) | DATE OF MEASUREMENT | | | | |
| ZK-58-19-815 | City of Georgetown | Byron Boucher | 1979 | 205 | 8 | 10 | Keob | 680 | -- | -- | N | N | Test hole. <u>4</u> | |
| 816 | do | do | 1979 | 203 | 8 | 10 | Keob | 680 | 14 | Feb. 22, 1979 | N | N | Do. | |
| 817 | do | do | 1979 | 219 | -- | -- | Keob | 740 | 67 | Feb. | N | N | Do. | |
| 820 | do | Western Water Wells | 1980 | 181 | -- | -- | Keob | 700 | 34 | Dec. 1980 | N | N | Do. | |
| 821 | do | do | 1980 | 176 | 6 | 19 | Keob | 730 | 74 | Dec. 11, 1980 | N | N | Do. | |
| 822 | -- | -- | -- | Spring | -- | -- | Keob | 750 | -- | -- | Flows | N | N | Measured flow 13 gal/min on May 14, 1981. |
| * 901 | James Munson | W. F. Gibson | 1971 | 184 | 14 | 19 | Keob | 680 | 35 | Oct. 25, 1971 | S, E | Irr | <u>1</u> | |
| * 902 | Norman Dome1 | Thomas Arnold | 1971 | 300 | 4 | 210 | Keob | 710 | 75 | June 24, 1971 | S, E | D | <u>1/2</u> | |
| 903 | W. F. Conlee | R. B. Bonnet | 1970 | 300 | 7 | 40 | Keob | 725 | 60 | July 22, 1970 | S, E | D | Cemented from 40 feet to surface. <u>2</u> | |
| 904 | Anita Schmidt | Thomas Arnold | 1971 | 300 | 4 | 160 | Keob | 730 | 75 | July 19, 1978 | S, E | D | Cemented from 10 feet to surface. | |
| 905 | City of Georgetown | Byron Boucher | 1979 | 209 | 8 | 10 | Keob | 680 | 14 | Feb. 20, 1979 | N | N | Test hole. <u>4</u> | |
| * 20-101 | Walter Jacobs | Brown Brothers | 1908 | 590 | 6 | -- | Keob | 855 | 180 | Aug. 2, 1940 | C, G | P | -- | |
| * 102 | do | -- | 1957 | 603 | 6 | 447 | Keob | 855 | 205.60 | Jan. 7, 1969 | S, E | P | <u>1/3</u> | |
| * 103 | Jonah W. S. C. | J. L. Meyers | 1975 | 732 | 16 | 16 | Keob | 885 | 227.98 | June 3, 1981 | T, E | P | Cemented from 605 feet to surface. <u>2/4</u> | |
| * 201 | Adolph Neitach | W. F. Gibson | 1973 | 565 | 7 | 412 | Keob | 810 | 181.65 | Apr. 30, 1976 | S, E | D, S | Cemented from 10 feet to surface. <u>1/2</u> | |
| * 202 | James Ziegler | do | 1973 | 580 | 7 | 405 | Keob | 825 | 186.35 | Jan. 20, 1981 | S, E | D | Open hole from 405 to 580 feet. Cemented from 15 feet to surface. | |
| * 401 | Mrs. J. E. Smith | John Cloud | 1908 | 412 | 6 | -- | Keob | 685 | 202.20 | May 4, 1976 | S, E | D | <u>2</u> | |
| * 402 | Jimmy Jordan | Bob J. Smith | 1974 | 243 | 6 | 70 | Keob | 640 | 31.61 | Mar. 21, 1941 | T, E | P | Pumping level 73 feet at 10 gal/min on July 30, 1940. | |
| * 403 | Victor Knauth | W. F. Gibson | 1973 | 440 | 7 | 308 | Keob | 710 | 47.03 | Mar. 21, 1967 | S, E | D | <u>2</u> | |
| * 404 | Rex Anderson | Thomas Arnold | 1977 | 340 | 4 | 180 | Keob | 663 | 2.90 | Aug. 23, 1978 | S, E | D | Cemented from 10 feet to surface. <u>1/2</u> | |
| * 406 | W. O. Fletcher | Verley Hunt | 1973 | 400 | 7 | 102 | Keob | 695 | 85 | Apr. 5, 1973 | S, E | D | Do. | |
| * 501 | Lamar Zrubich | Central Texas Drilling Company | 1975 | 446 | 5 | 315 | Keob | 670 | 83.25 | Jan. 20, 1981 | S, E | D | Cemented from 90 to 102 feet. | |
| * 502 | Clarence Klepac | W. F. Gibson | 1973 | 612 | 7 | 460 | Keob | 795 | 162.38 | Apr. 29, 1976 | S, E | D | <u>2</u> | |
| * 503 | Tom Kirk | do | 1973 | 520 | 7 | 375 | Keob | 715 | 73.29 | May 4, 1976 | S, E | D | Cemented from 10 feet to surface. -- | |

Williamson County--Continued

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASING | | ALTITUDE ABOVE (+) OR BELOW LAND SURFACE DATUM (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|------------------------------|---------------------|-------------------------------------|----------------|--------------------|----------------|--------------------|---|---------------------|---------------------------------|----------------|--------------|---|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | DATE OF MEASUREMENT | (ft) | | | |
| Williamson County--Continued | | | | | | | | | | | | |
| ZK-58-20-601 | Rubin Lehman | Thomas Arnold | 1981 | 661 | 4 | 542 | 755 | 157 | Feb. 19, 1981 | N | S | |
| * 701 | Carl Buckhorne | R. B. Bonnet | 1970 | 351 | 7 | 213 | 704 | 58.04 | May 6, 1976 | S, E | D, S | |
| * 702 | Harry Marburger | Thomas Arnold | 1972 | 360 | 4 | 240 | 740 | 90 111.10 | Aug. 29, 1972 Aug. 21, 1978 | S, E | D | Cemented from 10 feet to surface. |
| 703 | Blomquist Brothers | R. B. Bonnet | 1970 | 311 | 7 | 160 | 700 | 60 78.50 | Aug. 6, 1970 Aug. 23, 1978 | S, E | D | |
| 704 | Arthur Faulkner | Kyle Harrison | 1969 | 330 | -- | -- | 695 | 50 | May 27, 1969 | S, E | D | Drawdown of 130 feet pumping 10 gal/min for 1 hour on May 27, 1969. <u>3</u> |
| 705 | John F. Woodhull | W. H. Glass | 1978 | 326 | 5 | 215 | 720 | 180 100.29 | Dec. 16, 1978 Sept. 26, 1979 | N | D | Cemented from 215 feet to surface. <u>2</u> |
| * 901 | Ansel Holmstrom | -- | 1953 | 745 | 7 | -- | 600 | 414 | Mar. 23, 1967 Jan. 20, 1981 | C, E | D, S | <u>1</u> <u>3</u> |
| * 902 | Joe Edgar | Thomas Arnold | 1972 | 780 | 4 | 620 | 642 | -- | -- | S, E | D | Cemented from 10 feet to surface. <u>2</u> |
| * 21-203 | City of Granger | J. L. Myers Sons | 1956 | 2,606 | 12 8 5 | 72 606 2,606 | 578 | 28 64.20 | 1960 Jan. 7, 1965 | T, E | P | Slotted from 2,356 to 2,606 feet. Reported yield 275 gal/min. <u>2</u> <u>4</u> |
| 22-401 | Rosie Simeik No. 1 | Puma Oil and Gas Company | 1948 | 2,145 | -- | -- | 490 | -- | -- | N | N | Oil Test. <u>4</u> |
| * 26-302 | Eddin Vinther | -- | -- | Spring | -- | -- | 930 | -- | -- | Flows | D, S | Measured Flow 15 gal/min on May 13, 1981. |
| 303 | do | -- | -- | -- | -- | -- | 870 | -- | -- | Flows | D, S | No Flow on May 13, 1981. |
| 304 | do | -- | -- | Spring | -- | -- | 910 | -- | -- | Flows | D, S | Measured Flow 4 gal/min on May 20, 1981. |
| * 305 | do | -- | -- | Spring | -- | -- | 920 | -- | -- | Flows | D, S | Measured Flow 40 gal/min on May 13, 1981. |
| 306 | do | -- | -- | Spring | -- | -- | 910 | -- | -- | Flows | D, S | Measured Flow 13 gal/min on May 20, 1981. |
| 307 | Winston Faublon | -- | -- | Spring | -- | -- | 875 | -- | -- | Flows | S | Measured Flow 40 gal/min on May 14, 1981. |
| * 308 | do | -- | -- | Spring | -- | -- | 890 | -- | -- | Flows | S | Measured Flow 27 gal/min on May 14, 1981. |
| * 901 | Arthur E. Henry | -- | -- | 150 | -- | -- | 803 | -- | -- | C, E | D, S | -- |
| 27-102 | State of Texas | Texas Department of Water Resources | 1980 | 105 | 3 | 83 | 905 | 77.87 79.39 | Apr. 29, 1980 June 3, 1981 | N | N | Test hole. <u>1</u> <u>2</u> <u>4</u> |
| 103 | do | do | 1980 | 108 | 3 | 21 | 940 | 71.60 | May 2, 1980 | N | N | Do. |
| 201 | Texas Crushed Stone | -- | 1959 | 200 | 6 | -- | 810 | 130 | 1959 | S, E | Ind | Reported yield 50 gal/min. |
| * 202 | do | Hugh Glass | 1959 | 200 | 6 | -- | 810 | 94.92 | Apr. 2, 1969 | S, E | Ind | -- |
| * 204 | Henry Hartman | -- | -- | 130 | -- | -- | 761 | 89.20 96.77 | July 16, 1940 Apr. 13, 1978 | S, E | D, S | <u>1</u> <u>3</u> |
| 210 | City of Georgetown | Byron Boucher | 1979 | 165 | 8 | 10 | 805 | 107 | Feb. 22, 1979 | N | N | Test hole. <u>4</u> |
| 211 | do | do | 1979 | 221 | 8 | 10 | 775 | 43 | Feb. 26, 1979 | N | N | Do. |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (FEET) | CASTING | | WATER BEARING UNIT | ALTITUDE OF LAND SURFACE (FEET) | ABOVE (+) OR BELOW (-) SURFACE DATUM (FEET) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------|--------------------------|-------------------------------------|----------------|----------------------|----------------|--------------|--------------------|---------------------------------|---|-------------------------------|--|----------------|--------------|---|
| | | | | | DIAMETER (IN.) | DEPTH (FEET) | | | | DATE OF MEASUREMENT | | | | |
| | | | | | | | | Williamson County--Continued | | | | | | |
| ZK-58-27-212 | City of Georgetown | Byron Boucher | 1979 | 108 | 8 | 10 | Kceb | 805 | -- | -- | | N | N | Test hole. <u>y</u> |
| 213 | J. C. Chambers | W. F. Gibson | 1973 | 205 | 7 | 31 | Kceb | 775 | 100 | Apr. 6, 1973 | | S, E | D | Cemented from 10 feet to surface. <u>z</u> |
| * 214 | Inner Space Gaverns | A. R. Roggenkamp | 1977 | 100 | 4 | 80 | Kceb | 780 | 59.62 61.14 | Sept. 20, 1979 May 7, 1981 | | S, E | Irr | Reported 0 feet drawdown at 12 gal/min in 3 hours on March 8, 1979. Cemented from 80 feet to surface. |
| 215 | Texas Crushed Stone | Texas Crushed Stone | 1980 | 152 | -- | -- | Kceb | 810 | -- | -- | | N | N | Abandoned test hole. <u>y</u> |
| 216 | do | -- | -- | 112 | -- | -- | Kceb | 810 | -- | -- | | N | N | Abandoned test hole. <u>y</u> |
| 217 | State of Texas | Texas Department of Water Resources | 1980 | 121 | 4 | 82 | Kceb | 855 | 83.15 82.62 | May 2, 1980 June 3, 1981 | | N | N | Abandoned test hole. <u>y</u> <u>z</u> <u>y</u> |
| 301 | Jonah W. S. C. | J. L. Myers | 1973 | 503 | 16 12-3/4 | 20 264 | Kceb | 825 | 146 | May 13, 1970 | | S, E | P | Reported 216 feet pumping level at 300 gal/min for 12 hours in May 1973. Cemented from 264 feet to surface. <u>z</u> <u>y</u> |
| * 302 | John Nash | Delby A. Glass | 1972 | 365 | 7 | 178 | Kceb | 825 | 205 | Feb. 14, 1972 | | S, E | S | -- |
| * 303 | Virgil Barnes | W. H. Glass | 1978 | 306 | 5 | 184 | Kceb | 805 | 160 | Dec. 15, 1970 | | S, E | D | Reported yield of 20 gal/min on Dec. 15, 1978. Cemented from 184 feet to surface. Pump set at 250 feet. <u>z</u> |
| 304 | Samuel Hullum | Thomas Arnold | 1971 | 340 | 4 | -- | Kceb | 840 | 157.73 | Sept. 25, 1979 | | S, E | D | Test hole. Recorder well. <u>y</u> <u>z</u> <u>y</u> |
| 305 | State of Texas | Texas Department of Water Resources | 1980 | 314 | 6 | 204 | Kceb | 840 | 178 | Sept. 8, 1980 | | N | N | |
| * 401 | Leon Behrens | A. E. Samford | 1968 | 430 | 8 | 46 | Kceb | 788 | -- | -- | | C, W | S | -- |
| * 504 | --Happy | -- | -- | 400 | 6 | -- | Kceb | 780 | 77.18 91.97 | Apr. 2, 1969 June 3, 1981 | | C, E | D, S | <u>y</u> <u>z</u> |
| * 505 | Texas Highway Department | Sterzing Drilling Company | 1966 | 225 | 6 | -- | Kceb | 740 | 33 | June 3, 1966 | | S, E | P | Pumping level 137 feet at 83 gal/min on June 6, 1966. Reported yield 75 gal/min. Well drilled to 454 feet and plugged back to 225 feet. <u>z</u> <u>y</u> |
| 506 | -- | -- | -- | 345 | -- | -- | Kceb | 740 | -- | -- | | -- | N | Well was used in construction of Interstate Highway 35. <u>y</u> |
| 507 | Texas Highway Department | Sterzing Drilling Company | 1966 | 159 | 6 | 153 | Kceb | 755 | 58 | June 25, 1966 | | S, E | P | Slotted from 60 to 140 feet. Pump set at 140 feet. Reported yield 75 gal/min. Cemented from 58 feet to surface. <u>y</u> |
| * 508 | City of Round Rock | Wright Water Wells Incorporated | 1972 | 300 | 12-3/4 | 100 | Kceb | 820 | 87.70 | Sept. 14, 1973 | | T, E | P | Pumping level 212 feet at 280 gal/min for 24 hours on April 18, 1972. Cemented from 100 feet to surface. <u>z</u> |
| * 509 | do | do | 1972 | 250 | 12-3/4 | 100 | Kceb | 823 | -- | -- | | T, E | P | Pumping level 220 feet at 115 gal/min for 1 hour on June 2, 1972. Cemented from 100 feet to surface. |
| 510 | Texas Crushed Stone | W. H. Glass and Son | 1966 | 156 | 7 | 97 | Kceb | 830 | 131 | May 10, 1966 | | S, E | Ind | Reported yield 108 gal/min. Pump set at 108 feet. <u>z</u> |
| 511 | do | do | 1966 | 233 | 7 | 154 | Kceb | 834 | 130 | May 16, 1966 | | S, E | Ind | Reported yield 80 gal/min. |
| 512 | do | do | 1966 | 160 | 7 | 154 | Kceb | 824 | 128 | May 20, 1966 | | S, E | Ind | Do. |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | CASING | | | WATER BEARING UNIT | ALTITUDE OF LAND SURFACE (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|-------------------------------------|---------------------------------|---------------------------|----------------|--------------------|----------------|------------|--------------------|-------------------------------|---|---------------------------------|----------------|--------------|---|
| | | | | DEPTH OF WELL (ft) | DIAMETER (in.) | DEPTH (ft) | | | ABOVE (+) OR BELOW (-) SURFACE DATUM (ft) | DATE OF MEASUREMENT | | | |
| <u>Williamson County--Continued</u> | | | | | | | | | | | | | |
| ZK-58-27-513 | Texas Crushed Stone | W. H. Glass and Son | 1969 | 180 | 7 | 153 | Keeb | 828 | 135 | July 30, 1969 | S, E | Ind | -- |
| 514 | do | do | 1970 | 160 | 7 | 150 | Keeb | 826 | 124 | July 16, 1970 | S, E | Ind | Pumping level 129 feet at 200 gal/min for 48 hours on July 16, 1970. Slotted from 130 to 150 feet. Cemented from 130 feet to surface. |
| 515 | do | do | 1970 | 146 | 7 | 135 | Keeb | 822 | 94 | July 17, 1970 | S, E | Ind | Pumping level 94 feet at 200 gal/min for 48 hours on July 17, 1970. Slotted from 108 to 134 feet. Cemented from 92 feet to surface. |
| 516 | McNeil Consumer Product Company | J. M. Wright | 1978 | 223 | 10-3/4 | 75 | Keeb | 750 | 77 | Nov. 1, 1978 | T, E | Ind | Drawdown of 40 feet at 200 gal/min for 24 hours on November 1, 1978. Cemented from 75 feet to surface. <u>4</u> |
| * 517 | Warren Weidler | Thomas Arnold | 1973 | 260 | 5 | 180 | Keeb | 830 | 120 121.24 | Dec. 4, 1973 Sept. 27, 1979 | S, E | D | Cemented from 10 feet to surface. |
| * 518 | Texas Crushed Stone | Delby Glass | 1978 | 193 | 7 | 160 | Keeb | 820 | 150 123.34 | Oct. 20, 1978 Sept. 21, 1979 | S, E | Ind | Drawdown of 10 feet pumping 100 gal/min for 30 minutes on October 20, 1978. Slotted from 140 to 160 feet. |
| * 519 | do | W. H. Glass | 1972 | 165 | 7 | 158 | Keeb | 820 | 130 129.10 | Apr. 23, 1972 Mar. 11, 1981 | S, E | Ind | Drawdown of 0 feet pumping 50 gal/min for 30 minutes on April 23, 1972. Cemented from 10 feet to surface. <u>1</u> |
| 520 | City of Round Rock | Byron Boucher | 1979 | 167 | 8-1/2 | 8 | Keeb | 775 | 59.21 84.93 | Sept. 21, 1979 Aug. 15, 1980 | T, E | P | Measured yield 250 gal/min. <u>4</u> |
| 521 | do | do | 1979 | 259 | 8-1/2 | 8 | Keeb | 780 | 76 | Jan. 18, 1980 | N | N | Test hole. Destroyed. <u>5</u> |
| 522 | do | do | 1979 | 243 | 8-1/2 | 12 | Keeb | 745 | 51 | Jan. 28, 1980 | N | N | Test hole. <u>2</u> <u>4</u> |
| 523 | do | do | 1979 | 182 | 8-1/2 | 7 | Keeb | 780 | 77 | Jan. 24, 1980 | N | N | Measured yield 200 to 250 gal/min. Test hole. <u>4</u> |
| 524 | do | do | 1979 | 184 | 8-1/2 | 7 | Keeb | 765 | -- | -- | N | N | Test hole. <u>4</u> |
| * 601 | Harry Kiphen | -- | 1920 | 560 | 5 | -- | Keeb | 714 | -- | -- | S, E | D | -- |
| * 602 | Jack Thomison | Jerry Faught | 1976 | 369 | 6 5 | -- 369 | Keeb | 735 | 75 | Jan. 18, 1976 | S, E | D | <u>2</u> |
| * 603 | Rudolph Wallin | Thomas Arnold | 1973 | 380 | 5 | 250 | Keeb | 733 | 90 94.11 | Feb. 24, 1973 Dec. 1, 1976 | S, E | D, S | Cemented from 10 feet to surface. <u>2</u> |
| 701 | Alsa Brook No. 2 | Louis Henna, et al. | 1948 | 2,333 | -- | -- | -- | 759 | -- | -- | N | N | Oil test. <u>4</u> |
| * 702 | Round Rock Lime Company | Sterzing Drilling Company | 1963 | 306 | 8 | 20 | Kegr | 785 | 16.10 | July 22, 1972 | S, E | Ind | Pump set at 294 feet. |
| * 706 | Garland Walsh | Byron D. Boucher | 1973 | 725 | 8-5/8 5-1/2 | 50 335 | Kegr | 824 | 50.55 50.42 | May 21, 1976 Mar. 10, 1977 | S, E | D | <u>2</u> |
| * 709 | Richard Smith | -- | 1940 | 87 | 5 | -- | Keeb | 795 | 57.90 | Mar. 10, 1977 | S, E | D | -- |
| * 710 | Kenneth Schroeder | -- | -- | -- | 4-1/2 | -- | Keeb | 796 | 66.32 | do | C, W | D | -- |
| * 711 | Garland Walsh | -- | -- | 350 | 4 | -- | Kegr | 833 | -- | -- | C, W | S | -- |
| * 713 | Leon Behrens | A. E. Samford | 1968 | 315 | 8 | 45 | Kegr | 799 | 30 | Feb. 10, 1968 | C, W | S | <u>2</u> |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (FEET) | CASING | | WATER BEARING UNIT | ALTITUDE ABOVE (+) OR BELOW (-) SURFACE (FEET) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|----------------|--|---------------------------------|----------------|----------------------|----------------|--------------|--------------------|--|---------------------|--------------------------------|----------------|--------------|--|
| | | | | | DIAMETER (IN.) | DEPTH (FEET) | | | DATE OF MEASUREMENT | MEASUREMENT | | | |
| * 2K-58-27-714 | -- | -- | 1961 | 66 | 8 | -- | Kceb | 794 | 56.40 72.35 | Mar. 11, 1977 Jan. 21, 1981 | C, W | S | 3 |
| * 715 | James C. Smith | A. E. Smnford | 1977 | 212 | -- | 40 | Kcgr | 760 | 21.65 16.37 | Sept. 21, 1978 June 3, 1981 | S, E | D | -- |
| 716 | -- | -- | -- | Spring | -- | -- | Kceb | 720 | -- | -- | Flows | N | -- |
| 717 | -- | -- | -- | Spring | -- | -- | Kceb | 720 | -- | -- | Flows | N | -- |
| * 801 | City of Round Rock | Miles Robertson | 1934 | 222 | 12 | 30 | Kceb | 700 | 40 | 1957 Apr. 2, 1969 | T, E | P | Reported yield 750 gal/min. 2 |
| * 802 | do | -- | -- | 220 | 8 | -- | Kceb | 700 | 40 | 1957 | T, E | P | Reported yield 250 gal/min. |
| 803 | Round Rock White Lime Company | A. Z. Daniels | -- | 285 | 6 | -- | Kceb | 750 | -- | -- | S, E | Ind | -- |
| 804 | do | S. W. Smnford | 1960 | 400 | 8 | 15 | Kceb | 735 | 70 | July 1960 | S, E | Ind | -- |
| * 805 | City of Round Rock | Wright Water Wells Incorporated | 1972 | 245 | 12-3/4 | 164 | Kceb | 700 | -- | -- | T, E | P | Pumping level 42 feet at 1,700 gal/min for 24 hours on April 29, 1972. 2 |
| 806 | do | J. M. Wright | 1978 | 230 | 16 | 163 | Kceb | 718 | 29 | May 8, 1978 | T, E | P | Drawdown 116 feet at 3,000 gal/min for 12 hours on May 8, 1978. 2 |
| 807 | do | do | 1978 | 250 | -- | -- | Kceb | 740 | 21 | Sept. 5, 1978 | N | N | Test hole. 4 |
| 810 | do | do | 1978 | 300 | 18 | 130 | Kceb | 690 | 84 | Sept. 28, 1978 | S, E | P | Pump set at 185 feet. 4 |
| 811 | do | do | 1978 | 391 | -- | -- | Kceb | 740 | 144 | Sept. 26, 1978 | N | N | Test hole. 4 |
| 812 | do | do | 1978 | 251 | -- | -- | Kceb | 740 | 100 | do | N | N | do. |
| 813 | do | do | 1978 | 378 | -- | -- | Kceb | 730 | 156 | Sept. 7, 1978 | N | N | do. |
| * 814 | N. Whitlow | -- | 1940 | 222 | 8 | 28 | Kceb | 750 | 44.25 67.65 | Oct. 10, 1978 Jan. 21, 1981 | S, E | D | Formerly public supply well. 3, 3 |
| 815 | Theo Zimmerman | J. M. Wright | 1978 | 420 | -- | -- | Kceb | 740 | 124 | Sept. 6, 1978 | N | N | Test hole. 4 |
| 816 | Hy-Land Joint Venture and W.C.M.U.D. No. 2 | A. R. Roggenkamp | 1978 | 140 | 6-5/8 | 50 | Kceb | 759 | 60 | Sept. 20, 1978 | S, E | P | Cemented from 50 feet to surface. 4 |
| 817 | Arden Johnson | -- | 1978 | 137 | 5-1/2 | 50 | Kceb | 745 | 53 | Nov. 14, 1978 | S, E | P | 4 |
| 818 | City of Round Rock | J. M. Wright | 1979 | 285 | 16 | 140 | Kceb | 695 | 22 | Apr. 1, 1979 | S, E | P | Drawdown of 55 feet at 2,000 gal/min for 18 hours on April 1, 1979. Cemented from 140 feet to surface. 2 |
| 819 | Hy-Land Joint Venture and W.C.M.U.D. No. 2 | McClinton Drilling | 1978 | 203 | 8-5/8 | 50 | Kceb | 749 | -- | -- | S, E | P | Cemented from soft to surface. |
| 820 | do | A. R. Roggenkamp | 1978 | 140 | 6-5/8 | 50 | Kceb | 760 | 60 49.60 | Oct. 2, 1978 Sept. 20, 1979 | S, E | P | Measured yield of 180 gal/min on Oct. 7, 1978. Cemented from 50 feet to surface. |
| 821 | --Garrey | do | 1977 | 100 | 6-5/8 | 80 | Kceb | 768 | 64.62 | Oct. 4, 1978 | S, E | P | Reported yield of 80 gal/min. Cemented from 80 feet to surface. |
| 822 | do | Central Texas | 1977 | 140 | 6-5/8 | 80 | Kceb | 770 | 65.22 | do | S, E | P | Reported yield of 90 gal/min. Pump set at 80 feet. Cemented from 55 feet to surface. 2 |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASING | | ALTITUDE OF LAND SURFACE (ft) | WATER BEARING UNIT | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------|-----------------------------|--------------------------------|----------------|--------------------|----------------|------------|-------------------------------|--------------------|---------------------|---------------------------------------|----------------|--------------|---|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | | DATE OF MEASUREMENT | ABOVE (+) OR BELOW SURFACE DATUM (ft) | | | |
| ZK-58-27-823 | --Garey | Milton Powell | 1978 | 152 | 6-5/8 | 152 | 772 | Keeb | 64.78 | Oct. 4, 1978 | S, E | P | Reported yield of 175 gal/min. Pump set at 100 feet. Cemented from 67 feet to surface. |
| 824 | Williamson County MUD No. 2 | Central Texas Drilling Company | 1979 | 135 | 16 | 50 | 775 | Keeb | 50 | May 11, 1979 | S, E | P | Drawdown of 21 feet at 720 gal/min for 36 hours on July 26, 1979. <u>2</u> <u>4</u> |
| 825 | N. Whitlow | A. R. Roggenkamp | 1979 | 140 | 6 | 40 | 750 | Keeb | 75 | May 14, 1979 | S, E | P | Cemented from 40 feet to surface. |
| 828 | City of Round Rock | Byron Boucher | 1979 | 264 | 8-1/2 | 8 | 795 | Keeb | 94 | Aug. 2, 1979 | N | N | Test hole. <u>4</u> |
| 829 | Williamson County MUD No. 2 | Central Texas Drilling Company | 1979 | 140 | 6 | 135 | 775 | Keeb | 65 | Jan. 28, 1980 | N | N | Test hole. <u>1</u> <u>4</u> |
| 830 | do | do | 1979 | 105 | 6 | 105 | 775 | Keeb | 65.40 | June 3, 1981 | N | N | Test hole. <u>2</u> <u>4</u> |
| 831 | do | do | 1979 | 100 | 6 | 90 | 775 | Keeb | 53 | Jan. 28, 1980 | N | N | Test hole. <u>2</u> <u>4</u> |
| * 901 | Frank Anderson | --Glass | 1956 | 425 | 10 | 9 | 700 | Keeb | 60.66 | Apr. 1, 1969 | T, G | Irr | Shotted from 290 to 425 feet. Pump set at 300 feet. Reported yield 250 gal/min. <u>1</u> <u>3</u> |
| * 902 | E. C. Overall | S. W. Sanford | 1956 | 504 | -- | -- | 685 | Keeb | 121.91 | Apr. 7, 1980 | N | N | <u>1</u> <u>3</u> |
| 903 | John Nash | Robert Crouch | 1967 | 340 | 6-5/8 | 223 | 730 | Keeb | 24.89 | Apr. 1, 1969 | N | N | Do. |
| * 904 | Jerry Wall | A. R. Roggenkamp | 1976 | 405 | 4 | 220 | 725 | Keeb | 64.35 | May 6, 1981 | S, E | S | Do. |
| * 905 | Ralph Remmert | do | 1976 | 385 | 4 | 230 | 727 | Keeb | 10.16 | May 21, 1976 | S, E | S | Cemented from 230 feet to surface. |
| * 906 | do | do | 1977 | 360 | 4 | 230 | 725 | Keeb | 85.15 | Dec. 1, 1976 | S, E | S | Do. |
| * 907 | Jerry Wall | do | 1977 | 360 | 4 | 250 | 711 | Keeb | 83.0 | do | S, E | D | Do. |
| * 908 | Richard Powell | Thomas Arnold | 1977 | 360 | 4 | 220 | 716 | Keeb | 74.38 | Feb. 18, 1977 | S, E | D | Cemented from 250 feet to surface. |
| * 910 | Marvin Cressman | Dick Sanders | 1966 | 380 | 6-5/8 | 178 | 688 | Keeb | 74.40 | Feb. 18, 1977 | S, E | D | Cemented from 10 feet to surface. |
| * 911 | Rayborn Waits | A. R. Roggenkamp | 1975 | 320 | 4 | 220 | 663 | Keeb | 61.80 | Dec. 2, 1976 | S, E | D, S | -- |
| * 912 | Ronnie Knight | Thomas Arnold | 1975 | 300 | 4 | 160 | 656 | Keeb | -- | -- | S, E | D | -- |
| 913 | Sam Jennings | -- | 1978 | 422 | 8 | 105 | 695 | Keeb | -- | -- | S, E | D | -- |
| 914 | City of Round Rock | J. M. Wright | 1978 | 422 | 6 | 12 | 700 | Keeb | 114 | Aug. 1978 | N | N | Reported yield 70 gal/min. <u>4</u> |
| * 915 | Oscar Wall | A. R. Roggenkamp | 1977 | 360 | 4 | 225 | 710 | Keeb | 124 | do | N | N | <u>4</u> |
| * 916 | Ervin Kaatz | -- | 1970 | 380 | 6 | 380 | 700 | Keeb | 60 | Apr. 8, 1977 | S, E | D | Cemented from 225 feet to surface. |
| * 28-101 | Y. W. Kimbro | Verley Hunt | 1968 | 400 | 7 | 221 | 748 | Keeb | 70.55 | Mar. 12, 1980 | S, E | D, S | <u>4</u> |
| * 102 | Norman Pecht | Thomas Arnold | 1971 | 460 | 4 | 320 | 710 | Keeb | 76.98 | Jan. 20, 1981 | S, E | D | Cemented from 10 feet to surface. <u>2</u> |
| * 201 | --Kruger | do | 1977 | 640 | 4 | 500 | 780 | Keeb | 88.80 | May 18, 1976 | S, E | S | <u>2</u> |
| | | | | | | | | | 98.11 | Mar. 7, 1980 | S, E | S | |
| | | | | | | | | | 70 | June 23, 1971 | S, E | D | Cemented from 10 feet to surface. <u>2</u> |
| | | | | | | | | | 81.18 | Sept. 24, 1979 | S, E | D | |
| | | | | | | | | | 230 | Feb. 5, 1977 | S, E | D | Pump set at 250 feet. Cemented from 10 feet to surface. <u>2</u> |
| | | | | | | | | | 179.46 | Sept. 25, 1979 | S, E | D | |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASING | | WATER BEARING UNIT | ALTITUDE OF LAND SURFACE (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|-------------------------------------|--------------------------------|--|----------------|--------------------|--------------------|-----------------------------|--------------------|-------------------------------|--|--------------------------------|----------------|--------------|--|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | | ABOVE (+) OR BELOW LAND SURFACE DATUM (ft) | DATE OF MEASUREMENT | | | |
| <u>Williamson County--Continued</u> | | | | | | | | | | | | | |
| ZK-58-28-301 | --Tubbs No. 1 | M. N. Stafford | 1964 | 2,919 | -- | -- | -- | 610 | -- | -- | N | N | Oil test. <u>4</u> |
| * 401 | Marshall Ford | Forrest Tatum | 1967 | 630 | 5 | 490 | Kceb | 775 | 145.30 187.90 | Apr. 29, 1976 Jan. 20, 1981 | S, E | S | <u>1</u> <u>2</u> |
| 402 | Rodney Hohart | Thomas Arnold | 1978 | 460 | 4 | 320 | Kceb | 700 | 91 | Sept. 28, 1979 | S, E | D | Cemented from 10 feet to surface. <u>2</u> |
| 403 | James Montgomery | --Glass Drilling Company | 1980 | 500 | 5 | 10 | Kceb | 700 | 153.90 | Nov. 7, 1980 | S, E | Irr | -- |
| * 502 | City of Hutto | Sterzing Drilling Company | 1964 | 787 | 7 | 590 | Kceb | 660 | 110 | Sept. 2, 1964 | -- | P | Pumping level 180 feet at 20 gal/min on September 2, 1964. Cemented from 590 feet to surface. |
| * 503 | Curtis Culp | Thomas Arnold | 1971 | 580 | 4 | 480 | Kceb | 770 | 153 | Apr. 29, 1971 | S, E | D | <u>2</u> |
| * 504 | Alvin Hanusch | do | 1971 | 700 | 4 | 560 | Kceb | 700 | 203 | July 30, 1971 | S, E | D | <u>2</u> |
| * 601 | City of Hutto | George F. Hunt | 1937 | 790 | 8 | -- | Kceb | 640 | 67.11 81.90 | Mar. 23, 1967 Jan. 20, 1981 | S, E | P | <u>1</u> <u>3</u> |
| * 701 | James Jordan | Thomas Arnold | 1972 | 560 | 4 | 420 | Kceb | 725 | 130 | Aug. 28, 1972 | S, E | D | <u>2</u> |
| * 702 | R. J. Woytek | Central Texas Drilling Company | 1974 | 492 | 4 | -- | Kceb | 712 | -- | -- | S, E | D | -- |
| * 703 | do | do | 1975 | 420 | 4 | 370 | Kceb | 720 | 61.57 | May 25, 1976 | S, E | D | -- |
| 704 | do | Thomas Arnold | 1976 | 460 | 4 | 340 | Kceb | 705 | 80.90 | do | S, E | D | <u>2</u> |
| 705 | Roy R. Kay | do | 1971 | 680 | 4 | 580 | Kceb | 700 | 125 118.18 | Aug. 1, 1971 Jan. 21, 1981 | S, E | D | Cemented from 10 feet to surface. <u>1</u> <u>2</u> |
| * 706 | Tom Knippa | do | 1978 | 520 | 4 | 380 | Kceb | 640 | 60 59.62 | Apr. 12, 1978 Jan. 20, 1981 | S, E | D | <u>1</u> <u>2</u> |
| * 707 | Darold Cherry | A. R. Roggenkamp | 1980 | 560 | 4 | 560 | Kceb | 660 | 68.05 | Mar. 12, 1980 | S, E | Ind | -- |
| 901 | C. N. Avery, Jr., et al, No. 1 | W. M. Jarrell | 1950 | 2,955 | -- | -- | -- | 646 | -- | -- | N | N | Oil test. <u>4</u> |
| * 29-501 | J. A. Bigon | Central Texas Drilling Company | 1969 | 1,115 | 6-5/8 4-1/2 | 915 1,115 | Kceb | 618 | 22.83 37.16 | Mar. 19, 1970 Apr. 3, 1981 | S, E | Ind | Slotted from 1,025 to 1,115 feet. <u>1</u> <u>2</u> <u>3</u> |
| 604 | City of Taylor | Layne Texas Company | 1954 | 3,356 | 20 16 8 6 | 30 454 2,779 3,356 | Kcho | 537 | 34.23 | Mar. 18, 1969 | T, E | P | Screened from 2,780 to 2,950 and 2,970 to 3,346 feet. Pumping level 187 feet at 1,089 gal/min on January 14, 1965. <u>2</u> <u>4</u> |
| 901 | Marjorie Rhoades No. 1 | Grubb and Fertitta | 1966 | 1,445 | -- | -- | Kceb | 500 | -- | -- | N | N | Oil test. <u>4</u> |
| 902 | Joe L. Hurta No. 1 | Ward M. Drilling and Production Company Incorporated | 1966 | 1,574 | -- | -- | Kceb | 500 | -- | -- | N | N | Do. |
| * 34-101 | J. B. Evers | -- | -- | 75 | -- | -- | Kceb | 950 | 35.60 | July 15, 1972 | J, E | D, S | -- |
| * 202 | Tommy Nelson | -- | 1900 | 60 | 6 | 10 | Kceb | 940 | -- | -- | S, E | S | -- |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (FEET) | CASING | | ALTITUDE OF LAND SURFACE (FEET) | WATER BEARING UNIT | WATER LEVEL | METHOD OF LIFT | USE OF WATER | REMARKS |
|----------------|-----------------------------------|-------------------------------------|----------------|----------------------|----------------|--------------|---------------------------------|--------------------|------------------|--------------------------------|--------------|--|
| | | | | | DIAMETER (IN.) | DEPTH (FEET) | | | | | | |
| * 2K-58-34-203 | Leander Rehabilitation Center | -- | -- | 6.5 | 48 | 6.5 | 877 | Kceb | 4.6 | July 25, 1972 | P | -- |
| 305 | State of Texas | Texas Department of Water Resources | 1980 | 65 | 3 | 61 | 895 | Kceb | 39.74 | Apr. 10, 1980 | N | Test hole. <u>2/2/4</u> |
| * 35-101 | O. H. Parker | I. C. Pearson | 1956 | 6,000 | -- | -- | 925 | Kceb | -- | -- | N | OIL test. <u>4</u> |
| * 102 | Austin White Lime Company | Central Texas Drilling Company | -- | 65 | 7 | 39 | 775 | Kceb | -- | -- | Ind | -- |
| * 103 | do | Sterzing Drilling Company | 1955 | 80 | 10 | 20 | 790 | Kceb | -- | -- | N | Abandoned industrial well. |
| * 105 | do | Emmett Glass | 1970 | 70 | 10 | 28 | 780 | Kceb | 20.50 | Jan. 31, 1973 | S, E | Cemented from 28 feet to surface. |
| * 106 | do | do | 1964 | 54 | 10 | -- | 780 | Kceb | 22.00 | do | S, E | Ind |
| * 107 | do | do | 1969 | 70 | 10 | 35 | 783 | Kceb | 18.40 | do | S, E | Ind |
| * 108 | do | do | 1970 | 45 | 10 | 15 | 782 | Kceb | 26.30 | do | S, E | Ind |
| * 109 | J. F. Taylor | R. B. Bonnet | 1972 | 311 | 7 | 49 | 810 | Kcgr | 16 | Mar. 29, 1972 | S, E | Cemented from 49 feet to surface. <u>2/</u> |
| * 110 | State of Texas | Texas Department of Water Resources | 1980 | 131 | 3 | 61 | 795 | Kceb | 50.98 48.93 | Apr. 4, 1980 Jan. 21, 1981 | N | Test hole. <u>2/2/4</u> |
| * 204 | City of Round Rock | Smith and Bradshaw | 1964 | 370 | -- | -- | 792 | Kceb | 90.93 126.89 | Mar. 19, 1968 Mar. 20, 1980 | T, E | Pumping level 280 feet at 310 gal/min on May 13, 1964. Pump set at 280 feet. <u>2/2/3/4</u> |
| * 213 | George Blessing | W. H. Glass | 1971 | 150 | 5 | 21.5 | 805 | Kceb | 120 | July 29, 1971 | S, E | Pumping level 0 foot at 23 gal/min on July 29, 1971. Cemented from 21.5 feet to surface. <u>2/</u> |
| 214 | City of Round Rock | J. M. Wright | 1978 | 78 | -- | -- | 770 | Kceb | -- | -- | N | Test hole. <u>4</u> |
| 215 | do | do | 1978 | 350 | 6 | 12 | 750 | Kceb | 155 | Sept. 6, 1978 | N | Do. |
| * 218 | George Blessing | Verley Hunt | 1971 | 170 | 7 | 22 | 815 | Kceb | 135.12 138.64 | Oct. 3, 1979 Jan. 21, 1981 | S, E | Drawdown 20 feet at 30 gal/min for 2 hours in January 1971. Cemented from 15 to 22 feet. <u>2/</u> |
| * 305 | Robert A. Ledbetter | Thomas Arnold | 1972 | 300 | 4 | 155 | 750 | Kceb | 122 | Apr. 3, 1972 | S, E | Cemented from 10 feet to surface. <u>2/</u> |
| * 306 | Manville Water Supply Corporation | do | 1976 | 580 | 6 | -- | 800 | Kceb | 223 | Feb. 1976 | P | <u>2/4</u> |
| * 310 | Buck Moore | --Bible | 1978 | 296 | 4 | 296 | 750 | Kceb | 142 | Mar. 25, 1980 | D | <u>4</u> |
| 404 | Austin White Lime Company | Sterzing Drilling Company | 1959 | 410 | 7 | 180 | 840 | Kceb | 58.60 | Jan. 23, 1969 | S, E | Pump set at 390 feet. |
| * 36-207 | Robert Klepzig | Thomas Arnold | 1978 | 780 | 4 | 620 | 730 | Kceb | -- | -- | S, E | Pump set at 315 feet. <u>2/</u> |
| * 301 | Henry Hooper | Sterzing Drilling | 1956 | 1,050 | 7 | 900 | 625 | Kceb | 37.41 | 1961 | N | <u>2/</u> |
| 37-201 | L. V. Coupland No. 1 | W. M. Jarrell | 1950 | 3,572 | -- | -- | -- | -- | -- | -- | N | OIL test. <u>4</u> |

Williamson County--Continued

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASTING | | WATER BEARING UNIT | ALTITUDE ABOVE (+) OR BELOW (-) SURFACE DATUM (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------|------------------|-------------------------------------|----------------|--------------------|----------------|------------|--------------------|--|---------------------|--------------------------------|----------------|--------------|--|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | | DATE OF MEASUREMENT | | | | |
| AX-58-03-502 | Monroe Moore | -- | -- | Spring | -- | -- | Keob | 871 | -- | -- | Flows | N | Measured flow 0.5 gal/min on May 19, 1981. |
| * 601 | C. B. Hodges | -- | -- | Spring | -- | -- | Keob | 758 | -- | -- | Flows | N | Measured flow 22 gal/min on May 20, 1981. |
| 602 | do | -- | -- | Spring | -- | -- | Keob | 792 | -- | -- | Flows | N | Estimated flow 3 gal/min on May 20, 1981. |
| 603 | do | -- | -- | Spring | -- | -- | Keob | 765 | -- | -- | Flows | N | Estimated flow 2 gal/min on May 21, 1981. |
| * 801 | Jerry Adams | Warren Lawson | 1976 | 402 | 6 | 402 | Kegr | 839 | 135 1/31.80 | July 18, 1976 July 13, 1978 | S, E | D, S | -- |
| * 902 | J. B. Fellers | do | 1970 | 342 | 6 | 342 | Kegr | 775 | 186 205.17 | Dec. 7, 1970 July 27, 1978 | S, E | D | -- |
| 903 | Solana Ranch | -- | -- | Spring | -- | -- | Keob | 750 | -- | -- | Flows | N | Measured flow 80 gal/min on May 21, 1981. |
| 904 | M. M. Adams | -- | -- | Spring | -- | -- | Keob | 790 | -- | -- | Flows | N | Measured flow 35 gal/min on May 19, 1981. |
| 905 | Solana Ranch | -- | -- | Spring | -- | -- | Keob | 738 | -- | -- | Flows | N | Measured flow 24 gal/min on May 18, 1981. |
| 906 | do | -- | -- | Spring | -- | -- | Keob | 805 | -- | -- | Flows | N | Measured flow 22 gal/min on May 18, 1981. |
| 907 | do | -- | -- | Spring | -- | -- | Keob | 710 | -- | -- | Flows | N | Measured flow 10 gal/min on May 18, 1981. |
| 908 | M. M. Adams | -- | -- | Spring | -- | -- | Kce | 830 | -- | -- | Flows | N | Measured flow 36 gal/min on Aug. 14, 1981. |
| 909 | do | -- | -- | Spring | -- | -- | Kce | 790 | -- | -- | Flows | N | Measured flow 197 gal/min on Aug. 14, 1981. |
| 910 | do | -- | -- | Spring | -- | -- | Kce | 750 | -- | -- | Flows | N | Measured flow 5 gal/min on Aug. 14, 1981. |
| 911 | Solana Ranch | -- | -- | Spring | -- | -- | Kce | 805 | -- | -- | Flows | N | Measured flow 193 gal/min on Aug. 12, 1981. |
| * 04-201 | Allen Moore, Jr. | -- | -- | Spring | -- | -- | Keob | 680 | -- | -- | Flows | N | Measured flow 170 gal/min on May 19, 1981. |
| * 202 | C. G. Benson | Warren Lawson | 1973 | 102 | 4-1/2 | 102 | Keob | 723 | 65 56.70 | Nov. 15, 1973 May 7, 1981 | S, E | D | Reported yield 5 gal/min. Perforated from 82 to 102 feet. <u>1/2</u> |
| * 301 | Earl Gabbiness | do | 1974 | 180 | 4-1/2 | -- | Kegr | 695 | 135 148.50 | Mar. 15, 1974 July 9, 1978 | S, E | D, S | -- |
| * 302 | Betty Madison | do | 1973 | 148 | 4-1/2 | 148 | Keob | 680 | 118 111.64 | Jan. 29, 1973 May 6, 1981 | S, E | D | Perforated from 138 to 146 feet. <u>1/2</u> |
| 303 | Robert Walker | do | 1973 | 142 | 4-1/2 | 142 | Keob | 690 | 92 114.14 | Dec. 14, 1973 July 14, 1978 | N | N | Perforated from 102 to 142 feet. |
| * 304 | J. C. Bozon | do | 1974 | 142 | 4-1/2 | 142 | Keob | 685 | 90 94.65 | May 24, 1974 July 10, 1978 | S, E | D | Perforated from 102 to 142 feet. <u>2/2</u> |
| 305 | L. O. Edwards | do | 1974 | 100 | 4-1/2 | 100 | Keob | 660 | 58 72.57 | Oct. 1, 1974 July 17, 1978 | S, E | D | Perforated from 80 to 100 feet. |
| * 306 | Arthur W. Capps | do | 1977 | 92 | 4-1/2 | 92 | Keob | 613 | 60 | Jan. 31, 1977 | S, E | D | Perforated from 72 to 91 feet. <u>2/2</u> |
| 307 | Jack Thompson | do | 1970 | 125 | 4-1/2 | 125 | Keob | 611 | 90 85.46 | Oct. 15, 1970 July 26, 1978 | S, E | D, S | Perforated from 95 to 125 feet. <u>2/2</u> |
| * 308 | Donald Frazier | Justin Smart | 1970 | 116 | 7 | 20.5 | Keob | 616 | 70 75.65 | Mar. 23, 1970 Jan. 20, 1981 | S, E | D | <u>1/2</u> |
| 309 | Clyde Goodnight | do | 1970 | 140 | 7 | 21.5 | Keob | 611 | 60 | Mar. 3, 1970 | N | N | -- |
| 310 | Ira R. Stewart | Warren Lawson | 1972 | 103 | 4-1/2 | 103 | Keob | 598 | 70 | Mar. 25, 1972 | S, E | D | -- |
| 311 | State of Texas | Texas Department of Water Resources | 1980 | 107 | 3 | 20 | Keob | 670 | 71 71.10 | July 28, 1980 May 7, 1981 | N | N | <u>1/2</u> <u>2/2</u> |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASING | | WATER BEARING UNIT | ALTITUDE ABOVE (+) OR BELOW LAND SURFACE DATUM (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------|------------------------|--------------------------|----------------|--------------------|----------------|------------|--------------------|---|---------------------|--------------------------------|----------------|--------------|--|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | | DATE OF MEASUREMENT | MEASUREMENT | | | |
| AX-58-04-401 | C. B. Hodge | -- | -- | Spring | -- | -- | Keob | 738 | -- | -- | Flows | N | Measured flow 0.5 gal/min on May 20, 1981. |
| 402 | do | -- | -- | Spring | -- | -- | Keob | 675 | -- | -- | Flows | N | Measured flow 18 gal/min on May 20, 1981. |
| 403 | Don Holmes | -- | -- | Spring | -- | -- | Keob | 615 | -- | -- | Flows | N | Estimated flow 4 gal/min on May 19, 1981. |
| 501 | Salindo Springs | -- | -- | Spring | -- | -- | Keob | 570 | -- | -- | Flows | N | Measured flow at three springs giving a total yield of 7,692 gal/min on May 15, 1981. |
| * 502 | Salindo L.S.D. | Warren Lawson | 1967 | 90 | 5 | 90 | Keob | 621 | 40 49.18 | July 23, 1967 June 4, 1981 | S, E | P | Perforated from 65 to 85 feet. <u>1/2</u> |
| * 503 | Don Holmes | do | 1973 | 69 | 4-1/2 6 | 10 48 | Keob | 677 | 58 49.30 | Dec. 5, 1973 Jan. 20, 1981 | S, E | D, S | <u>1/2</u> |
| * 504 | William Griggaby | do | 1974 | 97 | 4-1/2 | 97 | Keob | 700 | 84 82.41 | Apr. 17, 1974 Jan. 20, 1981 | S, E | D, S | Perforated from 77 to 97 feet. <u>1/2</u> |
| * 505 | Claude Hodge | -- | 1955 | 125 | 10 | 125 | Keob | 684 | 85 | 1978 | S, E | S | -- |
| * 506 | C. B. Hodge | James Adams | 1973 | 125 | 5-1/2 | 20 | Keob | 665 | 84.02 78.40 | July 25, 1978 Jan. 21, 1981 | S, E S, E | D, S D, S | <u>1/2</u> |
| * 507 | Poweram Oil Company | Warren Lawson | 1971 | 171 | 4-1/2 | 171 | Keob | 702 | 110 | Dec. 13, 1972 | S, E | Ind | Perforated from 118 to 168 feet. <u>2/2</u> |
| * 602 | Salindo WSC | Meadows Drilling Company | 1968 | 105 | 10-3/4 | 105 | Keob | 587 | 35 29.27 | Feb. 19, 1968 Jan. 21, 1981 | S, E | P | Measured pumping level of 30 feet at 130 gal/min after pumping 24 hours on Feb. 15, 1968. <u>2/2</u> |
| * 603 | Mill Creek Development | Harvey Meadows | 1968 | 160 | 7 | 160 | Keob | 620 | 45 63.98 | Mar. 13, 1968 Aug. 2, 1978 | N | N | -- |
| * 604 | Salindo WSC | Lanford Drilling Company | 1972 | 128 | 10 6 | 75 113 | Keob | 602 | 47 59.79 | Dec. 27, 1972 Aug. 2, 1978 | S, E | P | Measured pumping level of 3 feet at 195 gal/min after pumping 24 hours on Dec. 27, 1972. <u>2/2</u> |
| * 605 | Chester M. Casey | Warren Lawson | 1969 | 100 | 5-1/2 | 20 | Keob | 630 | 50 | May 26, 1969 | S, E | D | -- |
| * 606 | Cecil A. Gosper | do | 1971 | 84 | 5-1/2 | 20 | Keob | 612 | 50 | Mar. 17, 1971 | S, E | D | <u>2/2</u> |
| * 607 | Dean Clements | -- | 1900 | 84 | 4-1/2 | -- | Keob | 610 | 55 55.32 | Mar. 1, 1978 Jan. 20, 1981 | J, E | D | <u>1/2</u> |
| * 608 | Harvey Copeland | James Adams | 1972 | 100 | 5-1/2 | 20 | Keob | 601 | 38 39.07 | Feb. 9, 1972 Jan. 20, 1981 | CF, E | D | <u>1/2</u> |
| * 609 | H. H. Copeland | Warren Lawson | 1971 | 74 | 4-1/2 | 74 | Keob | 590 | 45 42.20 | Sept. 24, 1971 July 8, 1978 | CF, E | D | Perforated from 55 to 72 feet. |
| * 610 | Mill Creek Development | Harvey Meadows | 1974 | 82 | 10-3/4 | 82 | Keob | 558 | -- | -- | N | D | Perforated from 35 to 82 feet. |
| * 611 | L. B. Everett | Warren Lawson | 1971 | 67 | 4-1/2 | 67 | Keob | 607 | 30 40.70 | July 6, 1971 Jan. 20, 1981 | CF, E | D | Perforated from 45 to 65 feet. <u>1/2</u> |
| * 612 | Harvin Larsen | do | 1977 | 82 | 4-1/2 | 82 | Keob | 585 | 31 19.15 | May 18, 1977 Jan. 20, 1981 | S, E | D | Perforated from 62 to 81 feet. <u>1/2</u> |
| * 613 | City of Salindo | -- | -- | Spring | -- | -- | Keob | 560 | -- | -- | Flows | N | Known as Big Boiling Spring. Measured flow 1,497 gal/min on May 15, 1981. |
| * 614 | Doc Benedict | -- | -- | Spring | -- | -- | Keob | 557 | -- | -- | Flows | N | Measured flow 1,219 gal/min on May 15, 1981. |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASTING | | ALTITUDE OF LAND SURFACE (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|------------------------|--------------------------|-------------------------------------|----------------|--------------------|----------------|------------|-------------------------------|---|---------------------|----------------|--------------|---|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | ABOVE (+) OR BELOW (-) SURFACE DATUM (ft) | DATE OF MEASUREMENT | | | |
| Bell County--Continued | | | | | | | | | | | | |
| * AX-58-04-615 | Doc Benedict | Warren Lawson | 1971 | 44 | 4-1/2 | 44 | 565 | 16 | July 9, 1971 | J, E | D | Perforated from 25 to 44 feet. \bar{y} |
| 616 | Floyd Phillips | do | 1971 | 82 | 4-1/2 | 82 | 584 | 40 | Jan. 20, 1981 | J, E | D | Perforated from 60 to 82 feet. |
| 617 | Joe Quiroz | do | 1971 | 78 | 4-1/2 | 78 | 580 | 43 | July 26, 1978 | J, E | D | -- |
| 618 | Clyde Goodnight | Justin Smart | 1970 | 140 | 7 | 23 | 640 | 60 | Nov. 22, 1971 | S, E | S | \bar{y} \bar{z} |
| * 619 | Joe Quiroz | do | 1970 | 150 | 7 | 23 | 618 | 44.30 | Mar. 30, 1970 | J, E | D | -- |
| 620 | State of Texas | Texas Department of Water Resources | 1980 | 199 | 6-1/4 | 120 | 680 | 99 | Jan. 20, 1981 | N | N | Test hole. Recorder well. \bar{y} \bar{z} \bar{y} |
| * 701 | Wayne Klingsporn | Warren Lawson | 1976 | 382 | 4-1/2 | 382 | 670 | 99.85 | Aug. 6, 1980 | S, E | D, S | Perforated from 340 to 380 feet. \bar{z} |
| 702 | State of Texas | Texas Department of Water Resources | 1980 | 95 | 3 | 20 | 730 | 133 | May 7, 1981 | N | N | \bar{y} \bar{z} \bar{y} |
| 703 | Brown Ranch | -- | -- | Spring | -- | -- | 700 | 84.45 | Mar. 1, 1976 | Flows | N | Measured flow 45 gal/min on May 21, 1981. |
| 801 | --Killingsworth | -- | -- | 175 | -- | -- | 765 | 71 | July 24, 1980 | C, W | S | \bar{y} \bar{z} |
| * 802 | Texas Highway Department | Hervey Meadows | 1967 | 180 | 6-5/8 | 180 | 728 | 72.67 | Mar. 15, 1978 | S, E | P | Reported yield 50 gal/min. \bar{y} \bar{z} |
| * 803 | do | do | 1967 | 180 | 6-5/8 | 180 | 737 | 101.82 | June 4, 1981 | S, E | P | Do. |
| 804 | Ira Black | James Adams | 1974 | 200 | 5 | 20 | 737 | 135 | May 10, 1967 | N | N | \bar{z} |
| * 805 | Tom Gidley | Warren Lawson | 1977 | 141 | 4-1/2 | 141 | 708 | 115.94 | May 7, 1981 | S, E | D | Perforated from 120 to 141 feet. Reported yield 10 gal/min. \bar{y} \bar{z} |
| * 806 | H. F. Nash | James Adams | 1974 | 175 | 5 | 20 | 772 | 100 | May 18, 1967 | Cf, E | D, S | Reported yield 15 gal/min. \bar{y} \bar{z} |
| * 807 | Allen D. Mosley | Warren Lawson | 1974 | 182 | 4-1/2 | 182 | 768 | 145 | May 7, 1981 | S, E | D | Reported yield 15 gal/min. \bar{y} |
| * 808 | Jarrell WSC | Hervey Meadows | 1974 | 276 | 8-5/8 | 276 | 812 | 143 | Apr. 12, 1974 | S, E | P | Measured yield 125 to 220 gal/min on Sept. 6, 1974. \bar{z} |
| * 809 | J. Lovie Bridges | Warren Lawson | 1969 | 404 | 4-1/2 | 404 | 845 | 144.38 | Jan. 21, 1981 | S, E | D, S | \bar{z} |
| * 05-102 | Archile Lee Guyer | do | 1971 | 152 | 4-1/2 | 152 | 612 | 150 | Apr. 10, 1974 | S, E | D | Perforated from 132 to 152 feet. \bar{z} |
| 103 | S. R. Schwake | do | 1971 | 157 | 7 | 22 | 589 | 179.88 | Jan. 11, 1977 | S, E | D, S | Perforated from 135 to 155 feet. |
| * 203 | Curtis Yount | do | 1967 | 390 | 7 | 325 | 518 | 110 | Oct. 3, 1971 | Flows | S | \bar{z} |

See footnotes at end of table.

Table 3.--Records of Wells, Test Holes, Springs, and Oil Tests--Continued

| WELL | OWNER | DRILLER | DATE COMPLETED | DEPTH OF WELL (ft) | CASING | | WATER BEARING UNIT | ALTITUDE OF LAND SURFACE (ft) | WATER LEVEL | | METHOD OF LIFT | USE OF WATER | REMARKS |
|--------------|-----------------|-------------------|----------------|--------------------|----------------|--------------|--------------------|-------------------------------|---------------------------------------|--------------------------------|----------------|--------------|--|
| | | | | | DIAMETER (in.) | DEPTH (ft) | | | ABOVE (+) OR BELOW SURFACE DATUM (ft) | DATE OF MEASUREMENT | | | |
| AX-58-05-902 | City of Holland | Texas Water Wells | 1955 | 2,420 | 10-3/4 7 | 700 2,420 | | 538 | 34.22 44.20 | Mar. 16, 1966 Mar. 17, 1969 | T, E | P | Slotted from 2,190 to 2,208, 2,214 to 2,230, 2,240 to 2,270, 2,291 to 2,310, and 2,320 to 2,414 feet. Pump set at 300 feet. Estimated yield 135 gal/min. ³ / ₄ |
| * 12-201 | Robert Hodge | -- | -- | 500 | -- | -- | Kceb | 868 | -- | -- | W, C | D, S | -- |
| * 13-504 | John A. Gark | S. W. Glass | 1956 | 1,000 | 7 | 835 | Kceb | 590 | -- | -- | -- | D, S | -- |

Bell County--Continued

* For chemical analysis of water, See Table 5.
¹ For water-level measurements, See Table 4.
² Driller's log, sample log, or core data, See Table 2.
³ Texas Department of Water Resources observation well.
⁴ Geophysical log (radioactivity or electric log) in files of the Texas Department of Water Resources.
⁵ Discontinued observation well.

Table 4.—Water Levels in Selected Wells

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth or hundredths of a foot. Measurements are above (+) or below land surface.

Hays County

| Date | Water level | Date | Water level | Date | Water level |
|--|-------------|---|-------------|------------------------------------|-------------|
| Well LR-58-49-801 Owner: Clara Calhoun | | Well LR-58-49-801—Continued | | Well LR-58-57-201—Continued | |
| Apr. 20, 1978 | 67.43 | May 22, 1981 | 36.90 | Jan. 9, 1978 | 161.40 |
| May 15, 1978 | 37.75 | June 26, 1981 | 22.47 | June 1, 1978 | 165.89 |
| Aug. 16, 1978 | 37.92 | Well LR-58-49-802 Owner: Mrs. Bliss Spillar | | Aug. 24, 1978 | 164.70 |
| Oct. 25, 1978 | 37.80 | June 1, 1978 | 131.68 | Oct. 26, 1978 | 174.34 |
| Feb. 1, 1979 | 37.10 | Aug. 16, 1978 | 131.20 | Nov. 29, 1978 | 162.00 |
| Mar. 2, 1979 | 27.70 | Feb. 12, 1979 | 135.20 | Jan. 2, 1979 | 163.48 |
| Apr. 5, 1979 | 25.40 | Jan. 24, 1980 | 131.20 | Jan. 30, 1979 | 161.10 |
| Apr. 27, 1979 | 26.65 | Jan. 26, 1981 | 136.20 | Mar. 2, 1979 | 168.55 |
| May 31, 1979 | 28.44 | Well LR-58-57-102 Owner: Rutherford Ranch | | Mar. 27, 1979 | 168.35 |
| June 27, 1979 | 35.83 | Apr. 24, 1978 | 137.64 | Apr. 27, 1979 | 159.80 |
| Aug. 9, 1979 | 34.91 | May 23, 1978 | 138.10 | May 31, 1979 | 159.60 |
| Aug. 31, 1979 | 36.50 | Aug. 24, 1978 | 136.87 | June 27, 1979 | 160.15 |
| Sept. 27, 1979 | 39.94 | Feb. 1, 1979 | 134.40 | Aug. 31, 1979 | 161.30 |
| Nov. 2, 1979 | 37.50 | Jan. 24, 1980 | 138.00 | Sept. 27, 1979 | 161.60 |
| Jan. 24, 1980 | 37.05 | Jan. 29, 1981 | 136.85 | Nov. 2, 1979 | 164.75 |
| Feb. 29, 1980 | 36.95 | Well LR-58-57-103 Owner: Rutherford Ranch | | Nov. 30, 1979 | 166.91 |
| Apr. 9, 1980 | 36.30 | Apr. 24, 1978 | 144.44 | Jan. 23, 1980 | 163.05 |
| Apr. 30, 1980 | 36.20 | May 23, 1978 | 142.05 | Feb. 29, 1980 | 168.30 |
| June 5, 1980 | 33.50 | Aug. 24, 1978 | 137.57 | Apr. 9, 1980 | 164.25 |
| June 26, 1980 | 38.00 | Feb. 1, 1979 | 139.85 | Apr. 29, 1980 | 167.60 |
| July 30, 1980 | 37.80 | Jan. 23, 1980 | 135.30 | June 5, 1980 | 171.90 |
| Aug. 29, 1980 | 37.75 | Jan. 29, 1981 | 139.40 | June 26, 1980 | 167.60 |
| Sept. 29, 1980 | 38.67 | Well LR-58-57-201 Owner: Mike Rutherford | | July 29, 1980 | 163.30 |
| Oct. 23, 1980 | 40.50 | Sept. 26, 1975 | 160.49 | Sept. 29, 1980 | 166.30 |
| Nov. 20, 1980 | 40.20 | Mar. 9, 1976 | 163.05 | Nov. 20, 1980 | 164.00 |
| Dec. 23, 1980 | 36.00 | Aug. 11, 1976 | 158.45 | Feb. 5, 1981 | 165.00 |
| Feb. 9, 1981 | 36.05 | Feb. 3, 1977 | 162.40 | Mar. 27, 1981 | 165.90 |
| Mar. 3, 1981 | 38.70 | | | Apr. 24, 1981 | 162.30 |
| Mar. 27, 1981 | 35.05 | | | May 28, 1981 | 165.70 |
| Apr. 24, 1981 | 43.10 | | | June 26, 1981 | 157.85 |

Table 4.—Water Levels in Selected Wells—Continued

Hays County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|--------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well LR-58-57-202 | | Well LR-58-57-301—Continued | | Well LR-58-57-402—Continued | |
| Owner: Farris | | | | | |
| Apr. 24, 1978 | 27.69 | Sept. 26, 1975 | 220.80 | Jan. 25, 1980 | 94.00 |
| May 23, 1978 | 27.61 | Mar. 9, 1976 | 257.58 | Feb. 29, 1980 | 96.40 |
| Aug. 21, 1978 | 27.98 | Aug. 11, 1976 | 214.71 | Apr. 9, 1980 | 95.95 |
| Feb. 1, 1979 | 17.25 | Feb. 1, 1977 | 218.15 | Apr. 30, 1980 | 94.40 |
| Jan. 24, 1980 | 24.30 | Jan. 9, 1978 | 258.70 | June 5, 1980 | 94.70 |
| Jan. 29, 1981 | 21.20 | Mar. 9, 1979 | 250.47 | June 27, 1980 | 94.60 |
| Well LR-58-57-203 | | Well LR-58-57-302 | | July 30, 1980 | 104.00 |
| Owner: Jack Dahlstrom | | Owner: Jack Dahlstrom | | Sept. 4, 1980 | 97.00 |
| Jan. 19, 1978 | 71.37 | Jan. 13, 1978 | 201.04 | Sept. 30, 1980 | 95.80 |
| May 24, 1978 | 76.13 | May 24, 1978 | 204.50 | Oct. 24, 1980 | 94.70 |
| Aug. 21, 1978 | 69.90 | Feb. 12, 1979 | 184.55 | Nov. 21, 1980 | 93.60 |
| Mar. 12, 1979 | 79.77 | Feb. 6, 1981 | 202.00 | Dec. 23, 1980 | 94.00 |
| Jan. 23, 1980 | 80.40 | Well LR-58-57-402 | | Jan. 30, 1981 | 93.60 |
| Well LR-58-57-301 | | Owner: Tom Fairey | | Feb. 2, 1981 | 93.10 |
| Owner: Cecil Ruby | | Nov. 30, 1977 | 93.00 | Mar. 27, 1981 | 93.00 |
| Dec. 2, 1937 | 272.94 | Jan. 11, 1978 | 94.85 | Apr. 24, 1981 | 93.25 |
| Mar. 5, 1943 | 264.67 | May 24, 1978 | 94.19 | May 27, 1981 | 93.00 |
| Sept. 9, 1943 | 265.98 | July 18, 1978 | 95.25 | June 26, 1981 | 90.25 |
| Dec. 21, 1943 | 268.70 | Oct. 26, 1978 | 94.64 | Well LR-58-57-502 | |
| Apr. 28, 1944 | 257.55 | Nov. 28, 1978 | 91.00 | Owner: Hoskins | |
| Aug. 23, 1944 | 259.93 | Jan. 2, 1979 | 95.10 | Nov. 28, 1977 | 204.28 |
| Dec. 21, 1944 | 262.43 | Jan. 30, 1979 | 94.85 | May 24, 1978 | 214.48 |
| May 22, 1945 | 246.36 | Mar. 2, 1979 | 94.20 | Aug. 21, 1978 | 208.19 |
| Aug. 6, 1948 | 268.47 | Mar. 27, 1979 | 94.30 | Feb. 1, 1979 | 203.00 |
| Feb. 10, 1949 | 273.70 | May 31, 1979 | 96.95 | Jan. 24, 1980 | 205.30 |
| Jan. 9, 1951 | 276.63 | June 27, 1979 | 95.00 | Jan. 29, 1981 | 198.55 |
| Aug. 27, 1954 | 275.99 | Aug. 9, 1979 | 95.35 | Aug. 18, 1981 | 172.20 |
| Aug. 28, 1956 | 287.20 | Aug. 31, 1979 | 95.85 | Well LR-58-57-602 | |
| Mar. 11, 1958 | 253.84 | Sept. 27, 1979 | 95.50 | Owner: Cecil Ruby | |
| Jan. 6, 1961 | 248.39 | Nov. 2, 1979 | 94.80 | Oct. 1, 1975 | 106.19 |
| | | Nov. 30, 1979 | 95.45 | Mar. 9, 1976 | 125.95 |

Table 4.—Water Levels in Selected Wells—Continued

Hays County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well LR-58-57-602—Continued | | Well LR-58-57-903—Continued | | Well LR-58-57-903—Continued | |
| Aug. 11, 1976 | 84.14 | Aug. 23, 1954 | 242.88 | Jan. 19, 1962 | 233.69 |
| Feb. 1, 1977 | 86.30 | Dec. 6, 1954 | 242.04 | Mar. 14, 1962 | 228.68 |
| Jan. 10, 1978 | 127.00 | Mar. 8, 1955 | 238.34 | June 11, 1962 | 228.93 |
| Well LR-58-57-802 | | July 13, 1955 | 237.57 | July 31, 1962 | 239.79 |
| Owner: Tom Johnson Estate | | Nov. 9, 1955 | 246.60 | Sept. 17, 1962 | 230.81 |
| Oct. 2, 1975 | 169.78 | Mar. 7, 1956 | 248.78 | Nov. 26, 1962 | 228.02 |
| Mar. 9, 1976 | 187.87 | July 12, 1956 | 253.90 | Jan. 28, 1963 | 223.83 |
| Aug. 11, 1976 | 157.90 | Aug. 28, 1956 | 263.88 | Mar. 25, 1963 | 221.36 |
| Jan. 31, 1977 | 162.12 | Oct. 5, 1956 | 267.98 | May 22, 1963 | 219.02 |
| Jan. 11, 1978 | 164.70 | Nov. 9, 1956 | 250.87 | July 25, 1963 | 233.14 |
| Well LR-58-57-903 | | Jan. 7, 1957 | 247.18 | Sept. 27, 1963 | 235.48 |
| Owner: Mountain City Ranch | | Mar. 7, 1957 | 245.08 | Jan. 22, 1964 | 237.08 |
| Feb. 10, 1949 | 242.25 | May 8, 1957 | 223.77 | Mar. 24, 1964 | 237.65 |
| Apr. 20, 1949 | 234.22 | July 16, 1957 | 224.63 | July 20, 1964 | 240.13 |
| Aug. 24, 1949 | 233.87 | Nov. 18, 1957 | 215.56 | Aug. 17, 1964 | 241.80 |
| Nov. 10, 1949 | 236.35 | Jan. 10, 1958 | 217.97 | Sept. 21, 1964 | 242.95 |
| Apr. 11, 1950 | 236.45 | Mar. 11, 1958 | 201.32 | Oct. 19, 1964 | 240.57 |
| Aug. 3, 1950 | 230.20 | May 12, 1958 | 199.55 | Nov. 23, 1964 | 230.30 |
| Dec. 6, 1950 | 239.66 | July 3, 1958 | 202.62 | Dec. 18, 1964 | 230.40 |
| Jan. 2, 1951 | 240.31 | Jan. 20, 1959 | 204.63 | Feb. 17, 1965 | 212.30 |
| Apr. 4, 1951 | 243.47 | Apr. 27, 1959 | 208.08 | May 18, 1965 | 196.81 |
| Aug. 8, 1951 | 237.23 | May 26, 1959 | 208.46 | Sept. 20, 1971 | 228.53 |
| Dec. 5, 1951 | 243.30 | July 27, 1959 | 214.77 | Nov. 9, 1971 | 225.11 |
| Feb. 26, 1952 | 246.34 | Dec. 16, 1959 | 208.78 | Jan. 31, 1972 | 206.20 |
| Aug. 8, 1952 | 233.30 | Jan. 28, 1960 | 205.57 | May 16, 1972 | 214.70 |
| Sept. 6, 1952 | 238.33 | Feb. 22, 1960 | 203.93 | June 5, 1972 | 218.85 |
| Apr. 13, 1953 | 226.69 | May 26, 1960 | 205.24 | Feb. 6, 1973 | 218.67 |
| Aug. 17, 1953 | 232.11 | Oct. 10, 1960 | 217.63 | July 24, 1973 | 182.40 |
| Dec. 3, 1953 | 229.27 | Jan. 6, 1961 | 200.43 | Feb. 11, 1974 | 195.10 |
| Apr. 6, 1954 | 225.22 | Mar. 23, 1961 | 197.60 | July 18, 1974 | 241.00 |
| July 21, 1954 | 240.58 | July 18, 1961 | 210.99 | Feb. 10, 1975 | 238.40 |
| | | Dec. 11, 1961 | 219.48 | July 15, 1975 | 220.30 |

Table 4.—Water Levels in Selected Wells—Continued

Hays County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well LR-58-57-903—Continued | | Well LR-58-57-903—Continued | | Well LR-58-58-101—Continued | |
| Sept. 30, 1975 | 185.04 | Dec. 23, 1980 | 222.65 | Apr. 29, 1940 | 138.00 |
| Feb. 23, 1976 | 220.30 | Jan. 30, 1981 | 232.75 | May 24, 1940 | 139.55 |
| Aug. 10, 1976 | 192.00 | Feb. 27, 1981 | 229.75 | June 24, 1940 | 129.57 |
| Jan. 31, 1977 | 182.30 | Mar. 27, 1981 | 212.75 | July 26, 1940 | 125.17 |
| Jan. 10, 1978 | 226.80 | Apr. 23, 1981 | 219.30 | Aug. 26, 1940 | 133.69 |
| June 1, 1978 | 236.36 | June 26, 1981 | 183.05 | Sept. 27, 1940 | 137.04 |
| Aug. 21, 1978 | 232.94 | | | Oct. 29, 1940 | 139.48 |
| Oct. 26, 1978 | 250.66 | Well LR-58-58-101 | | Dec. 5, 1940 | 123.53 |
| Nov. 28, 1978 | 224.60 | Owner: Franklin | | Jan. 30, 1941 | 110.26 |
| Jan. 2, 1979 | 222.95 | Sept. 16, 1937 | 125.60 | Mar. 28, 1941 | 99.91 |
| Jan. 30, 1979 | 223.65 | Dec. 16, 1937 | 127.62 | May 22, 1941 | 88.54 |
| Mar. 2, 1979 | 220.42 | Jan. 19, 1938 | 116.10 | Aug. 8, 1941 | 88.05 |
| Mar. 27, 1979 | 209.56 | Feb. 28, 1938 | 102.79 | Nov. 18, 1941 | 107.36 |
| Apr. 27, 1979 | 200.50 | Mar. 30, 1938 | 103.48 | Apr. 10, 1942 | 123.53 |
| May 31, 1979 | 182.80 | Apr. 20, 1938 | 99.01 | Aug. 8, 1942 | 129.07 |
| June 27, 1979 | 186.10 | May 17, 1938 | 95.83 | Dec. 4, 1942 | 102.25 |
| Aug. 9, 1979 | 192.03 | June 27, 1938 | 100.00 | Apr. 1, 1943 | 111.51 |
| Aug. 31, 1979 | 202.65 | July 20, 1938 | 108.25 | Apr. 13, 1943 | 110.15 |
| Sept. 27, 1979 | 197.75 | Aug. 26, 1938 | 112.55 | Sept. 9, 1943 | 122.91 |
| Nov. 2, 1979 | 205.55 | Sept. 26, 1938 | 120.92 | Dec. 17, 1943 | 131.61 |
| Nov. 30, 1979 | 213.05 | Nov. 2, 1938 | 125.27 | Apr. 28, 1944 | 93.63 |
| Jan. 25, 1980 | 223.00 | Dec. 13, 1938 | 129.48 | Aug. 23, 1944 | 103.00 |
| Feb. 29, 1980 | 243.85 | Jan. 24, 1939 | 130.95 | Dec. 21, 1944 | 105.91 |
| Apr. 9, 1980 | 227.50 | Feb. 28, 1939 | 132.72 | May 22, 1945 | 87.62 |
| Apr. 30, 1980 | 237.55 | Mar. 28, 1939 | 136.51 | May 23, 1946 | 92.35 |
| June 5, 1980 | 221.60 | Apr. 27, 1939 | 137.15 | June 20, 1947 | 100.88 |
| June 27, 1980 | 215.00 | May 24, 1939 | 136.91 | Nov. 18, 1947 | 120.11 |
| July 29, 1980 | 216.28 | July 3, 1939 | 137.08 | May 1, 1948 | 129.65 |
| Sept. 30, 1980 | 213.05 | Oct. 3, 1939 | 141.37 | Aug. 6, 1948 | 135.46 |
| Oct. 24, 1980 | 235.25 | Dec. 18, 1939 | 140.80 | Feb. 10, 1949 | 138.11 |
| Nov. 21, 1980 | 225.25 | Jan. 23, 1940 | 141.26 | Apr. 22, 1949 | 122.29 |
| | | Feb. 26, 1940 | 142.11 | Aug. 23, 1949 | 130.78 |
| | | Mar. 25, 1940 | 142.87 | | |

Table 4.—Water Levels in Selected Wells—Continued

Hays County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well LR-58-58-101—Continued | | Well LR-58-58-101—Continued | | Well LR-58-58-101—Continued | |
| Nov. 10, 1949 | 132.45 | May 12, 1958 | 82.87 | Nov. 21, 1963 | 130.05 |
| Apr. 12, 1950 | 129.71 | July 3, 1958 | 88.27 | Jan. 22, 1964 | 131.40 |
| Aug. 3, 1950 | 129.67 | Nov. 12, 1958 | 84.49 | Mar. 24, 1964 | 129.48 |
| Dec. 6, 1950 | 135.79 | Jan. 20, 1959 | 89.10 | May 18, 1964 | 131.84 |
| Jan. 2, 1951 | 136.60 | Apr. 27, 1959 | 90.16 | July 20, 1964 | 134.44 |
| Apr. 4, 1951 | 137.46 | May 26, 1959 | 91.21 | Aug. 17, 1964 | 138.96 |
| Aug. 8, 1951 | 139.78 | July 24, 1959 | 101.62 | Sept. 21, 1964 | 136.60 |
| Dec. 5, 1951 | 139.05 | Sept. 25, 1959 | 105.98 | Oct. 19, 1964 | 135.15 |
| Mar. 27, 1952 | 142.93 | Dec. 16, 1959 | 89.43 | Nov. 23, 1964 | 118.98 |
| Aug. 8, 1952 | 138.25 | Jan. 28, 1960 | 82.23 | Dec. 18, 1964 | 121.09 |
| Sept. 6, 1952 | 138.74 | Feb. 22, 1960 | 80.97 | Jan. 19, 1965 | 123.09 |
| Apr. 13, 1953 | 122.19 | May 26, 1960 | 86.50 | Feb. 17, 1965 | 92.97 |
| Aug. 17, 1953 | 135.64 | Oct. 31, 1960 | 82.64 | Mar. 22, 1965 | 85.51 |
| Dec. 2, 1953 | 106.59 | Dec. 5, 1960 | 84.45 | Apr. 19, 1965 | 82.98 |
| Apr. 7, 1954 | 121.35 | Jan. 6, 1961 | 81.20 | May 18, 1965 | 78.24 |
| July 21, 1954 | 140.13 | Mar. 23, 1961 | 82.02 | June 16, 1965 | 77.44 |
| Aug. 23, 1954 | 139.41 | May 24, 1961 | 94.00 | July 19, 1965 | 83.51 |
| Dec. 6, 1954 | 134.51 | July 18, 1961 | 91.29 | Aug. 26, 1965 | 90.69 |
| Mar. 8, 1955 | 134.12 | Sept. 27, 1961 | 96.94 | Sept. 20, 1965 | 96.83 |
| July 13, 1955 | 132.12 | Nov. 24, 1961 | 104.68 | Oct. 20, 1965 | 97.37 |
| Mar. 7, 1956 | 141.79 | Dec. 11, 1961 | 106.79 | Nov. 22, 1965 | 94.05 |
| July 12, 1956 | 148.76 | Jan. 29, 1962 | 109.75 | Dec. 27, 1965 | 89.89 |
| Aug. 28, 1956 | 146.64 | Mar. 7, 1962 | 114.89 | Jan. 24, 1966 | 91.91 |
| Oct. 5, 1956 | 148.61 | June 11, 1962 | 115.76 | Feb. 23, 1966 | 94.02 |
| Nov. 9, 1956 | 139.77 | July 31, 1962 | 127.01 | Mar. 25, 1966 | 92.21 |
| Jan. 7, 1957 | 139.96 | Sept. 15, 1962 | 124.78 | Apr. 21, 1966 | 91.56 |
| Mar. 8, 1957 | 135.22 | Nov. 26, 1962 | 122.36 | May 24, 1966 | 91.82 |
| May 9, 1957 | 107.04 | Jan. 28, 1963 | 116.11 | June 27, 1966 | 95.03 |
| July 16, 1957 | 112.52 | Mar. 25, 1963 | 113.95 | July 25, 1966 | 106.40 |
| Nov. 18, 1957 | 97.42 | May 22, 1963 | 111.27 | Aug. 24, 1966 | 108.07 |
| Mar. 11, 1958 | 82.89 | July 25, 1963 | 125.56 | Sept. 26, 1966 | 109.12 |
| | | Sept. 27, 1963 | 128.52 | Oct. 26, 1966 | 112.42 |

Table 4.—Water Levels in Selected Wells—Continued

Hays County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well LR-58-58-101—Continued | | Well LR-58-58-101—Continued | | Well LR-58-58-101—Continued | |
| Nov. 28, 1966 | 117.36 | Dec. 30, 1970 | 102.44 | Oct. 29, 1973 | 55.40 |
| Dec. 28, 1966 | 120.16 | Jan. 29, 1971 | 108.65 | Nov. 29, 1973 | 53.05 |
| Jan. 25, 1967 | 122.36 | Mar. 1, 1971 | 113.73 | July 18, 1974 | 101.50 |
| Feb. 27, 1967 | 125.84 | Apr. 2, 1971 | 121.14 | Feb. 10, 1975 | 70.50 |
| Mar. 29, 1967 | 129.45 | Apr. 28, 1971 | 126.40 | July 15, 1975 | 57.00 |
| Apr. 24, 1967 | 131.14 | July 28, 1971 | 133.23 | Sept. 26, 1975 | 74.06 |
| May 23, 1967 | 133.40 | Sept. 1, 1971 | 121.60 | Feb. 23, 1976 | 99.70 |
| June 30, 1967 | 139.60 | Sept. 29, 1971 | 122.33 | Aug. 11, 1976 | 73.30 |
| July 26, 1967 | 138.78 | Nov. 2, 1971 | 124.35 | Feb. 1, 1977 | 67.45 |
| Aug. 28, 1967 | 145.00 | Nov. 24, 1971 | 114.25 | Jan. 10, 1978 | 122.22 |
| Sept. 29, 1967 | 108.76 | Dec. 29, 1971 | 92.14 | June 1, 1978 | 125.45 |
| Nov. 28, 1967 | 85.30 | Feb. 7, 1972 | 96.20 | Aug. 17, 1978 | 127.47 |
| Jan. 5, 1968 | 83.22 | Mar. 1, 1972 | 95.13 | Oct. 26, 1978 | 128.05 |
| Feb. 7, 1968 | 72.92 | Mar. 27, 1972 | 100.48 | Nov. 28, 1978 | 118.93 |
| Mar. 5, 1968 | 75.66 | Apr. 28, 1972 | 107.02 | Jan. 2, 1979 | 133.80 |
| May 3, 1968 | 78.69 | May 16, 1972 | 94.20 | Jan. 30, 1979 | 91.88 |
| June 4, 1968 | 78.58 | June 5, 1972 | 99.30 | Mar. 1, 1979 | 83.60 |
| July 12, 1968 | 79.72 | Sept. 28, 1972 | 113.70 | Mar. 27, 1979 | 78.40 |
| Aug. 12, 1968 | 84.66 | Nov. 2, 1972 | 115.40 | Apr. 26, 1979 | 73.20 |
| Jan. 9, 1969 | 103.20 | Nov. 30, 1972 | 114.10 | May 31, 1979 | 71.38 |
| Feb. 20, 1969 | 101.06 | Jan. 4, 1973 | 107.42 | June 27, 1979 | 74.85 |
| Apr. 30, 1969 | 81.20 | Jan. 29, 1973 | 84.50 | Aug. 9, 1979 | 82.65 |
| June 10, 1969 | 77.55 | Feb. 6, 1973 | 79.93 | Aug. 30, 1979 | 83.90 |
| July 15, 1969 | 84.93 | Feb. 26, 1973 | 74.63 | Sept. 26, 1979 | 112.40 |
| Aug. 29, 1969 | 73.45 | Mar. 7, 1973 | 68.88 | Nov. 2, 1979 | 110.65 |
| Nov. 4, 1969 | 102.73 | Mar. 27, 1973 | 65.18 | Nov. 30, 1979 | 103.70 |
| July 2, 1970 | 58.52 | Apr. 26, 1973 | 61.80 | Jan. 21, 1980 | 112.70 |
| Aug. 3, 1970 | 70.68 | May 30, 1973 | 65.30 | Feb. 29, 1980 | 118.70 |
| Aug. 25, 1970 | 76.23 | June 30, 1973 | 59.57 | Apr. 4, 1980 | 123.20 |
| Oct. 1, 1970 | 81.21 | July 20, 1973 | 55.27 | Apr. 29, 1980 | 124.60 |
| Oct. 29, 1970 | 85.62 | Aug. 29, 1973 | 68.86 | June 5, 1980 | 113.85 |
| | | Sept. 28, 1973 | 71.80 | June 26, 1980 | 102.30 |

Table 4.—Water Levels in Selected Wells—Continued

Hays County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well LR-58-58-101—Continued | | Well LR-58-58-104—Continued | | Well LR-58-58-206—Continued | |
| July 29, 1980 | 111.00 | Dec. 17, 1943 | 155.99 | Aug. 30, 1978 | 105.76 |
| Aug. 29, 1980 | 121.34 | Aug. 23, 1944 | 155.69 | Feb. 21, 1979 | 87.85 |
| Sept. 25, 1980 | 124.70 | May 22, 1945 | 114.14 | Jan. 21, 1980 | 86.60 |
| Oct 23, 1980 | 110.20 | Mar. 23, 1946 | 121.55 | Well LR-58-58-406 | |
| Nov. 20, 1980 | 118.80 | June 21, 1947 | 104.67 | Owner: Construction Chemicals Inc. | |
| Dec. 23, 1980 | 114.50 | Nov. 19, 1947 | 112.83 | Sept. 21, 1971 | 156.90 |
| Jan. 29, 1981 | 119.45 | Apr. 2, 1948 | 153.65 | Jan. 31, 1972 | 141.38 |
| Mar. 25, 1981 | 98.00 | Oct. 24, 1950 | 162.90 | June 5, 1972 | 150.60 |
| Mar. 27, 1981 | 124.05 | Jan. 6, 1961 | 111.29 | Feb. 6, 1973 | 122.50 |
| Apr. 23, 1981 | 94.95 | Sept. 13, 1971 | 155.38 | Feb. 11, 1974 | 97.90 |
| May 21, 1981 | 101.25 | Nov. 8, 1971 | 158.18 | July 18, 1974 | 148.00 |
| June 25, 1981 | 77.55 | Jan. 31, 1972 | 133.30 | Feb. 10, 1975 | 107.10 |
| Well LR-58-58-104 | | May 16, 1972 | 137.58 | July 15, 1975 | 100.80 |
| Owner: Henry Armbruster | | June 5, 1972 | 134.80 | Sept. 26, 1975 | 109.49 |
| Dec. 1, 1937 | 154.86 | Feb. 6, 1973 | 120.62 | Feb. 23, 1976 | 138.32 |
| Jan. 9, 1940 | 166.26 | July 24, 1973 | 95.90 | Aug. 11, 1976 | 114.80 |
| Feb. 27, 1940 | 166.11 | Feb. 11, 1974 | 94.74 | Jan. 31, 1977 | 104.60 |
| Mar. 25, 1940 | 166.98 | July 18, 1974 | 96.00 | Jan. 10, 1978 | 147.90 |
| Apr. 27, 1940 | 165.22 | Feb. 10, 1975 | 106.75 | May 25, 1978 | 158.35 |
| May 28, 1940 | 166.42 | July 16, 1975 | 97.30 | Aug. 17, 1978 | 161.20 |
| June 24, 1940 | 162.99 | Sept. 26, 1975 | 104.68 | Jan. 31, 1979 | 131.65 |
| July 29, 1940 | 156.85 | Feb. 23, 1976 | 124.25 | Jan. 21, 1980 | 149.10 |
| Aug. 26, 1940 | 160.01 | Aug. 11, 1976 | 103.90 | Jan. 30, 1981 | 154.70 |
| Jan. 30, 1941 | 152.51 | Feb. 1, 1977 | 102.69 | Well LR-58-58-410 | |
| Mar. 28, 1941 | 144.08 | Jan. 10, 1978 | 140.40 | Owner: D. J. Simon | |
| Aug. 8, 1941 | 117.71 | Well LR-58-58-106 | | Apr. 18, 1978 | 173.83 |
| Nov. 18, 1941 | 130.71 | Owner: City of Buda | | May 24, 1978 | 176.80 |
| Apr. 10, 1942 | 150.98 | Mar. 2, 1979 | 148.00 | Aug. 18, 1978 | 181.02 |
| Aug. 8, 1942 | 151.33 | Feb. 5, 1981 | 115.30 | Feb. 21, 1979 | 149.02 |
| Dec. 4, 1942 | 101.15 | Well LR-58-58-206 | | Well LR-58-58-411 | |
| Apr. 1, 1943 | 140.52 | Owner: H. B. Granberry | | Owner: W. I. Dismukes | |
| | | Jan. 19, 1978 | 86.70 | Aug. 17, 1978 | 159.09 |

Table 4.—Water Levels in Selected Wells—Continued

Hays County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|--|-------------|---|-------------|--|-------------|
| Well LR-58-58-411—Continued | | Well LR-58-58-503—Continued | | Well LR-58-58-704—Continued | |
| Jan. 21, 1980 | 145.50 | Feb. 8, 1979 | 137.90 | Jan. 22, 1980 | 149.40 |
| Feb. 5, 1981 | 150.70 | Feb. 5, 1981 | 148.00 | Feb. 5, 1981 | 156.40 |
| Well LR-58-58-502 Owner: D. J. Simon | | Well LR-58-58-504 Owner: Elmer Israel | | Well LR-58-58-706 Owner: Lex Word | |
| Apr. 18, 1978 | 149.39 | Jan. 11, 1978 | 170.56 | Jan. 9, 1978 | 105.70 |
| May 24, 1978 | 155.49 | May 24, 1978 | 182.35 | May 25, 1978 | 114.57 |
| Aug. 17, 1978 | 150.84 | Aug. 17, 1978 | 188.64 | Aug. 17, 1978 | 120.26 |
| Oct. 26, 1978 | 158.72 | Jan. 31, 1979 | 177.80 | Feb. 1, 1979 | 107.00 |
| Nov. 28, 1978 | 159.41 | Jan. 22, 1980 | 169.70 | Jan. 22, 1980 | 105.30 |
| Jan. 2, 1979 | 158.60 | Dec. 23, 1980 | 178.40 | Mar. 5, 1981 | 111.75 |
| Jan. 30, 1979 | 155.96 | Jan. 30, 1981 | 182.60 | Well LR-58-58-801 Owner: A. W. Whitten | |
| Mar. 2, 1979 | 152.85 | Feb. 27, 1981 | 182.65 | May 25, 1978 | 130.19 |
| Mar. 27, 1979 | 150.66 | Mar. 27, 1981 | 178.40 | Aug. 18, 1978 | 134.02 |
| Apr. 26, 1979 | 144.00 | Apr. 23, 1981 | 172.80 | Jan. 30, 1979 | 126.65 |
| May 31, 1979 | 144.45 | May 27, 1981 | 171.20 | Jan. 22, 1980 | 120.50 |
| June 27, 1979 | 137.74 | June 25, 1981 | 164.65 | Feb. 5, 1981 | 128.00 |
| Aug. 9, 1979 | 136.23 | Well LR-58-58-701 Owner: D. A. Dacy | | Well LR-67-01-304 Owner: R. Selvera | |
| Aug. 31, 1979 | 139.41 | Jan. 9, 1978 | 111.55 | May 26, 1978 | 157.73 |
| Sept. 27, 1979 | 136.70 | May 24, 1978 | 122.25 | July 17, 1978 | 178.38 |
| Nov. 2, 1979 | 138.35 | July 19, 1978 | 128.79 | Sept. 21, 1978 | 166.08 |
| Nov. 30, 1979 | 140.50 | Feb. 1, 1979 | 115.67 | Jan. 30, 1979 | 147.20 |
| Jan. 22, 1980 | 144.45 | Jan. 22, 1980 | 113.50 | Jan. 22, 1980 | 146.20 |
| Feb. 29, 1980 | 151.60 | Feb. 5, 1981 | 120.25 | Feb. 5, 1981 | 151.60 |
| Apr. 30, 1980 | 151.30 | Well LR-58-58-704 Owner: O. H. Cullen | | Well LR-67-01-305 Owner: A. A. Hale | |
| June 5, 1980 | 152.00 | Feb. 3, 1977 | 135.22 | Sept. 21, 1971 | 133.58 |
| June 27, 1980 | 149.92 | Jan. 9, 1978 | 148.87 | Jan. 31, 1972 | 127.09 |
| Sept. 25, 1980 | 152.38 | May 25, 1978 | 158.13 | May 16, 1972 | 129.90 |
| Well LR-58-58-503 Owner: Paul Keller | | Aug. 18, 1978 | 169.68 | June 5, 1972 | 134.90 |
| May 24, 1978 | 141.82 | Feb. 1, 1979 | 148.67 | Feb. 6, 1973 | 130.40 |
| Aug. 17, 1978 | 157.35 | | | | |

Table 4.—Water Levels in Selected Wells—Continued**Hays County—Continued**

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well LR-67-01-305—Continued | | Well LR-67-01-305—Continued | | Well LR-67-01-305—Continued | |
| July 24, 1973 | 130.40 | July 15, 1975 | 127.10 | Jan. 31, 1977 | 124.58 |
| Feb. 11, 1974 | 127.40 | Oct. 1, 1975 | 128.16 | Jan. 10, 1978 | 137.30 |
| July 18, 1974 | 134.80 | Feb. 23, 1976 | 131.50 | Aug. 21, 1978 | 133.99 |
| Feb. 10, 1975 | 126.10 | Aug. 10, 1976 | 126.65 | | |

Table 4.—Water Levels in Selected Wells—Continued

Travis County

| Date | Water level | Date | Water level | Date | Water level |
|--------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well YD-58-34-503 | | Well YD-58-34-601—Continued | | Well YD-58-34-613—Continued | |
| Owner: --Lemons | | | | | |
| Mar. 1, 1978 | 31.89 | July 16, 1973 | 40.87 | Apr. 28, 1980 | 26.40 |
| May 1, 1978 | 31.01 | Mar. 12, 1974 | 39.90 | June 6, 1980 | 24.00 |
| Aug. 9, 1978 | 32.03 | Mar. 29, 1976 | 39.90 | June 25, 1980 | 26.35 |
| Jan. 24, 1979 | 33.59 | Mar. 16, 1977 | 38.30 | July 28, 1980 | 30.90 |
| Jan. 9, 1980 | 32.70 | Aug. 9, 1978 | 40.17 | Sept. 25, 1980 | 29.10 |
| Jan. 20, 1981 | 30.70 | Jan. 24, 1979 | 39.17 | Oct. 22, 1980 | 29.35 |
| | | Jan. 9, 1980 | 40.85 | Nov. 19, 1980 | 28.40 |
| | | Jan. 20, 1981 | 40.40 | Dec. 22, 1980 | 26.00 |
| | | | | Jan. 20, 1981 | 25.00 |
| Well YD-58-34-601 | | Well YD-58-34-613 | | Feb. 26, 1981 | 26.35 |
| Owner: J. R. McElroy | | Owner: Dr. Mitchell Wong | | Mar. 24, 1981 | 24.95 |
| July 18, 1956 | 47.76 | July 24, 1972 | 38.70 | Apr. 21, 1981 | 23.90 |
| Aug. 31, 1956 | 48.24 | Mar. 12, 1974 | 28.51 | May 20, 1981 | 26.90 |
| Nov. 14, 1956 | 43.56 | May 19, 1975 | 24.63 | June 24, 1981 | 24.85 |
| Jan. 9, 1957 | 44.19 | Mar. 29, 1976 | 31.32 | | |
| Mar. 19, 1957 | 44.53 | Mar. 16, 1977 | 24.80 | Well YD-58-35-201 | |
| May 14, 1957 | 40.98 | Aug. 9, 1978 | 35.55 | Owner: Lorene Bolt | |
| July 18, 1957 | 41.07 | Oct. 24, 1978 | 36.30 | Mar. 15, 1956 | 229.80 |
| Nov. 18, 1957 | 39.01 | Nov. 27, 1978 | 29.06 | July 18, 1956 | 231.32 |
| Mar. 19, 1958 | 38.21 | Jan. 5, 1979 | 27.91 | Aug. 31, 1956 | 231.17 |
| May 16, 1958 | 38.12 | Mar. 1, 1979 | 24.97 | Nov. 13, 1956 | 230.27 |
| July 9, 1958 | 38.41 | Mar. 29, 1979 | 23.43 | Jan. 9, 1957 | 232.76 |
| Nov. 17, 1958 | 38.85 | Apr. 26, 1979 | 22.99 | Mar. 19, 1957 | 230.42 |
| May 15, 1959 | 38.85 | May 29, 1979 | 23.13 | July 18, 1957 | 226.06 |
| Dec. 15, 1959 | 39.51 | June 26, 1979 | 23.99 | Nov. 18, 1957 | 217.46 |
| Sept. 20, 1960 | 39.86 | Aug. 8, 1979 | 26.38 | Mar. 19, 1958 | 198.61 |
| Sept. 20, 1961 | 39.07 | Aug. 30, 1979 | 33.35 | May 16, 1958 | 187.65 |
| Oct. 7, 1964 | 42.37 | Sept. 26, 1979 | 33.33 | July 9, 1958 | 184.96 |
| Oct. 8, 1965 | 38.64 | Nov. 1, 1979 | 34.05 | Nov. 17, 1958 | 201.91 |
| Oct. 4, 1967 | 40.04 | Nov. 29, 1979 | 34.50 | Dec. 15, 1959 | 219.81 |
| Oct. 17, 1968 | 39.35 | Jan. 9, 1980 | 31.05 | Sept. 19, 1960 | 224.30 |
| Nov. 3, 1969 | 39.80 | Feb. 28, 1980 | 28.05 | Sept. 19, 1961 | 198.02 |
| Apr. 17, 1972 | 41.92 | Apr. 2, 1980 | 27.40 | Sept. 18, 1962 | 226.60 |

Table 4.—Water Levels in Selected Wells—Continued

Travis County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well YD-58-35-607—Continued | | Well YD-58-35-702—Continued | | Well YD-58-35-702—Continued | |
| Jan. 9, 1980 | 184.50 | May 15, 1959 | 11.79 | Feb. 28, 1980 | 12.45 |
| Feb. 28, 1980 | 182.90 | Dec. 15, 1959 | 13.14 | Apr. 2, 1980 | 12.10 |
| Apr. 2, 1980 | 173.70 | Sept. 19, 1960 | 12.98 | Apr. 28, 1980 | 11.40 |
| Apr. 28, 1980 | 172.20 | Sept. 18, 1962 | 14.03 | June 6, 1980 | 9.80 |
| June 6, 1980 | 122.75 | Sept. 12, 1963 | 16.75 | June 25, 1980 | 10.85 |
| June 25, 1980 | 127.30 | Oct. 7, 1964 | 18.07 | July 28, 1980 | 11.27 |
| July 28, 1980 | 149.50 | Oct. 8, 1965 | 15.30 | Sept. 25, 1980 | 12.57 |
| Sept. 25, 1980 | 179.20 | Oct. 5, 1966 | 11.88 | Oct. 22, 1980 | 12.70 |
| Oct. 22, 1980 | 171.00 | Oct. 2, 1967 | 14.59 | Nov. 19, 1980 | 13.00 |
| Nov. 19, 1980 | 173.00 | Oct. 17, 1968 | 10.69 | Dec. 22, 1980 | 12.90 |
| Dec. 22, 1980 | 173.90 | Nov. 3, 1969 | 12.76 | Jan. 20, 1981 | 13.00 |
| Jan. 20, 1981 | 176.80 | Apr. 17, 1972 | 12.20 | Feb. 26, 1981 | 14.10 |
| Feb. 26, 1981 | 178.75 | Mar. 12, 1974 | 9.59 | Mar. 24, 1981 | 11.91 |
| Mar. 24, 1981 | 150.20 | May 19, 1975 | 9.44 | Apr. 21, 1981 | 11.65 |
| Apr. 21, 1981 | 156.40 | Mar. 22, 1976 | 12.05 | May 20, 1981 | 12.00 |
| May 20, 1981 | 158.55 | Mar. 27, 1978 | 13.17 | June 24, 1981 | 6.80 |
| June 24, 1981 | 77.00 | May 9, 1978 | 13.25 | | |
| | | Aug. 9, 1978 | 13.89 | Well YD-58-35-710 | |
| | | Oct. 24, 1978 | 14.37 | Owner: Koenig | |
| | | Nov. 27, 1978 | 14.52 | Mar. 1, 1978 | 31.70 |
| Well YD-58-35-702 | | Jan. 5, 1979 | 14.18 | Jan. 9, 1980 | 46.25 |
| Owner: Mrs. Tom Williams | | Jan. 24, 1979 | 13.37 | Jan. 20, 1981 | 36.70 |
| Mar. 15, 1956 | 22.56 | Mar. 1, 1979 | 11.92 | Well YD-58-35-713 | |
| July 18, 1956 | 21.39 | Mar. 29, 1979 | 11.04 | Owner: Harold Strickland | |
| Aug. 31, 1956 | 21.05 | Apr. 26, 1979 | 10.26 | May 2, 1978 | 109.64 |
| Nov. 14, 1956 | 22.12 | May 29, 1979 | 9.84 | Aug. 9, 1978 | 126.40 |
| Jan. 10, 1957 | 21.67 | Aug. 8, 1979 | 10.67 | Jan. 24, 1979 | 118.40 |
| Mar. 19, 1957 | 21.23 | Aug. 30, 1979 | 11.08 | Well YD-58-35-804 | |
| May 14, 1957 | 21.32 | Sept. 26, 1979 | 11.70 | Owner: G. F. Roberts | |
| July 18, 1957 | 16.92 | Nov. 1, 1979 | 12.00 | May 5, 1978 | 166.00 |
| Nov. 18, 1957 | 13.08 | Nov. 29, 1979 | 12.80 | Aug. 9, 1978 | 170.54 |
| Mar. 19, 1958 | 9.03 | Jan. 9, 1980 | 12.80 | Jan. 10, 1980 | 167.20 |
| May 16, 1958 | 8.53 | | | Jan. 20, 1981 | 161.45 |
| July 9, 1958 | 9.41 | | | | |

Table 4.—Water Levels in Selected Wells—Continued

Travis County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|---|-------------|------------------------------------|-------------|---|-------------|
| Well YD-58-36-402—Continued | | Well YD-58-42-608—Continued | | Well YD-58-42-805 Owner: Eanes School | |
| Sept. 19, 1960 | 166.47 | Oct. 24, 1978 | 102.95 | Mar. 8, 1978 | 234.97 |
| Sept. 19, 1961 | 73.64 | Nov. 27, 1978 | 101.15 | May 9, 1978 | 224.81 |
| Sept. 18, 1962 | 173.75 | Jan. 8, 1979 | 105.92 | Aug. 10, 1978 | 233.66 |
| Oct. 7, 1964 | 188.57 | Jan. 29, 1979 | 101.05 | Oct. 24, 1978 | 235.27 |
| Oct. 8, 1965 | 98.56 | Mar. 01, 1979 | 102.36 | Nov. 27, 1978 | 233.81 |
| Oct. 16, 1968 | 91.71 | Mar. 29, 1979 | 101.95 | Jan. 8, 1979 | 230.53 |
| Apr. 17, 1972 | 179.56 | Apr. 26, 1979 | 101.01 | Jan. 29, 1979 | 228.00 |
| Feb. 16, 1973 | 111.70 | May 29, 1979 | 103.95 | Mar. 1, 1979 | 225.29 |
| Mar. 14, 1974 | 102.60 | June 26, 1979 | 100.97 | Mar. 29, 1979 | 219.85 |
| May 29, 1975 | 78.52 | Aug. 8, 1979 | 100.75 | Apr. 26, 1979 | 219.20 |
| Mar. 11, 1976 | 153.66 | Aug. 30, 1979 | 103.25 | May 29, 1979 | 228.30 |
| Mar. 15, 1977 | 97.10 | Sept. 26, 1979 | 100.50 | June 26, 1979 | 225.70 |
| Feb. 23, 1978 | 171.36 | Nov. 1, 1979 | 102.50 | Aug. 8, 1979 | 228.60 |
| May 8, 1978 | 173.78 | Nov. 29, 1979 | 101.85 | Aug. 29, 1979 | 228.90 |
| June 23, 1978 | 175.65 | Jan. 11, 1980 | 101.45 | Sept. 26, 1979 | 230.00 |
| Aug. 10, 1978 | 180.36 | Feb. 28, 1980 | 105.65 | Nov. 1, 1979 | 232.00 |
| Jan. 29, 1979 | 158.08 | Apr. 4, 1980 | 102.35 | Nov. 30, 1979 | 230.90 |
| Jan. 9, 1980 | 176.10 | Apr. 28, 1980 | 102.35 | Jan. 11, 1980 | 229.20 |
| Jan. 20, 1981 | 173.70 | June 25, 1980 | 101.00 | Feb. 28, 1980 | 227.10 |
| Well YD-58-42-306 Owner: W. H. Peterson | | July 28, 1980 | 100.38 | Apr. 4, 1980 | 221.65 |
| Mar. 7, 1978 | 77.06 | Sept. 23, 1980 | 100.61 | Apr. 28, 1980 | 224.55 |
| May 11, 1978 | 87.51 | Oct. 22, 1980 | 102.85 | June 6, 1980 | 224.40 |
| Aug. 22, 1978 | 84.00 | Nov. 19, 1980 | 100.50 | June 25, 1980 | 224.40 |
| Jan. 11, 1980 | 85.50 | Dec. 22, 1980 | 101.05 | July 28, 1980 | 234.09 |
| Well YD-58-42-608 Owner: F. M. Pearce | | Jan. 20, 1981 | 101.00 | Sept. 24, 1980 | 238.48 |
| Mar. 9, 1978 | 101.00 | Feb. 26, 1981 | 101.20 | Oct. 23, 1980 | 235.25 |
| May 11, 1978 | 101.69 | Mar. 24, 1981 | 101.10 | Nov. 20, 1980 | 239.90 |
| July 19, 1978 | 102.12 | Apr. 21, 1981 | 100.95 | Dec. 22, 1980 | 231.65 |
| | | May 20, 1981 | 101.00 | Jan. 21, 1981 | 229.00 |
| | | June 24, 1981 | 101.65 | Feb. 26, 1981 | 228.10 |
| | | July 22, 1981 | 100.15 | Mar. 25, 1981 | 226.80 |
| | | Sept. 22, 1981 | 100.80 | | |

Table 4.—Water Levels in Selected Wells—Continued

Travis County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|---|-------------|------------------------------------|-------------|--|-------------|
| Well YD-58-42-903—Continued | | Well YD-58-42-911—Continued | | Well YD-58-42-913 Owner: Park Hills Baptist Church | |
| Feb. 28, 1980 | 32.79 | Jan. 8, 1957 | 89.48 | Mar. 16, 1978 | 107.30 |
| Apr. 4, 1980 | 31.96 | Feb. 21, 1957 | 89.68 | May 9, 1978 | 108.21 |
| Apr. 28, 1980 | 28.44 | Mar. 15, 1957 | 89.52 | Aug. 10, 1978 | 109.30 |
| June 4, 1980 | 26.60 | Apr. 26, 1957 | 89.29 | Feb. 8, 1979 | 108.02 |
| June 25, 1980 | 27.10 | May 22, 1957 | 86.20 | Jan. 11, 1980 | 104.60 |
| July 28, 1980 | 28.06 | June 21, 1957 | 83.15 | Jan. 21, 1981 | 105.20 |
| Sept. 24, 1980 | 28.84 | July 23, 1957 | 82.81 | | |
| Oct. 23, 1980 | 28.26 | Sept. 6, 1957 | 83.13 | Well YD-58-42-925 Owner: Jimmy Shipwash | |
| Nov. 19, 1980 | 28.52 | Oct. 4, 1957 | 82.99 | Nov. 20, 1975 | 137.90 |
| Dec. 22, 1980 | 28.05 | Nov. 8, 1957 | 79.76 | Mar. 30, 1976 | 140.63 |
| Jan. 20, 1981 | 28.35 | Dec. 4, 1957 | 78.65 | Mar. 14, 1977 | 137.32 |
| Feb. 26, 1981 | 31.47 | Feb. 4, 1958 | 78.01 | May 9, 1978 | 142.76 |
| Mar. 24, 1981 | 27.18 | Feb. 28, 1958 | 76.40 | Aug. 10, 1978 | 143.85 |
| Apr. 21, 1981 | 27.44 | Apr. 4, 1958 | 74.77 | Oct. 24, 1978 | 144.28 |
| May 21, 1981 | 27.91 | May 15, 1958 | 73.80 | Oct. 27, 1978 | 144.28 |
| June 24, 1981 | 27.99 | June 26, 1958 | 74.31 | Jan. 8, 1979 | 143.44 |
| July 22, 1981 | 25.09 | July 25, 1958 | 74.92 | Jan. 29, 1979 | 141.72 |
| Sept. 01, 1981 | 26.24 | Aug. 22, 1958 | 75.94 | Mar. 1, 1979 | 140.10 |
| Oct. 26, 1981 | 26.18 | Nov. 10, 1958 | 77.03 | Mar. 29, 1979 | 138.94 |
| | | Mar. 26, 1959 | 78.54 | Apr. 26, 1979 | 137.80 |
| | | July 26, 1959 | 78.54 | May 29, 1979 | 136.13 |
| | | July 27, 1959 | 79.37 | June 26, 1979 | 135.95 |
| | | Dec. 1, 1959 | 79.28 | Aug. 8, 1979 | 136.10 |
| | | Jan. 28, 1960 | 79.48 | Aug. 29, 1979 | 136.86 |
| | | Sept. 19, 1962 | 81.17 | Sept. 26, 1979 | 137.55 |
| | | Oct. 6, 1964 | 87.69 | Nov. 1, 1979 | 139.65 |
| | | Mar. 16, 1978 | 79.99 | Nov. 29, 1979 | 139.40 |
| | | May 10, 1978 | 81.11 | Jan. 11, 1980 | 140.50 |
| | | Sept. 10, 1978 | 83.30 | Feb. 28, 1980 | 140.70 |
| | | Feb. 8, 1979 | 81.08 | Apr. 4, 1980 | 140.85 |
| | | Jan. 11, 1980 | 77.95 | Apr. 28, 1980 | 140.65 |
| | | Jan. 21, 1981 | 78.40 | | |
| Well YD-58-42-911 Owner: Bee Caves Properties | | | | | |
| Jan. 25, 1956 | 88.12 | | | | |
| Feb. 23, 1956 | 88.37 | | | | |
| Mar. 25, 1956 | 88.55 | | | | |
| Apr. 25, 1956 | 88.76 | | | | |
| May 29, 1956 | 90.27 | | | | |
| June 26, 1956 | 88.50 | | | | |
| July 26, 1956 | 88.61 | | | | |
| Aug. 29, 1956 | 88.70 | | | | |
| Sept. 25, 1956 | 89.01 | | | | |
| Oct. 16, 1956 | 89.13 | | | | |

Table 4.—Water Levels in Selected Wells—Continued

Travis County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|--|-------------|--|-------------|--|-------------|
| Well YD-58-42-925—Continued | | Well YD-58-43-205—Continued | | Well YD-58-43-705 Owner: University of Texas | |
| June 6, 1980 | 138.50 | May 29, 1979 | 61.10 | Apr. 4, 1978 | 54.78 |
| June 25, 1980 | 139.50 | June 25, 1979 | 56.15 | May 10, 1978 | 55.11 |
| Sept. 24, 1980 | 141.54 | Aug. 8, 1979 | 52.61 | Aug. 9, 1978 | 57.30 |
| Oct. 23, 1980 | 141.50 | Aug. 30, 1979 | 55.20 | Oct. 24, 1978 | 58.90 |
| Nov. 20, 1980 | 141.65 | Sept. 26, 1979 | 84.17 | Nov. 28, 1978 | 58.53 |
| Dec. 22, 1980 | 140.60 | Nov. 1, 1979 | 69.10 | Jan. 5, 1979 | 58.65 |
| Jan. 21, 1981 | 140.20 | Nov. 29, 1979 | 74.00 | Jan. 25, 1979 | 55.34 |
| Feb. 26, 1981 | 140.40 | Jan. 10, 1980 | 81.75 | Mar. 1, 1979 | 49.45 |
| Mar. 24, 1981 | 139.20 | Feb. 28, 1980 | 84.90 | Mar. 29, 1979 | 44.35 |
| Apr. 21, 1981 | 139.30 | Apr. 2, 1980 | 87.20 | Apr. 26, 1979 | 37.82 |
| May 20, 1981 | 139.70 | Apr. 28, 1980 | 96.80 | May 29, 1979 | 31.42 |
| June 25, 1981 | 134.45 | June 6, 1980 | 80.90 | June 25, 1979 | 30.38 |
| Well YD-58-42-926 Owner: Eugene Jacobs | | June 25, 1980 | 75.25 | Aug. 8, 1979 | 30.28 |
| Mar. 30, 1978 | 167.45 | July 28, 1980 | 71.14 | Aug. 30, 1979 | 32.25 |
| May 10, 1978 | 161.54 | Sept. 25, 1980 | 78.90 | Sept. 26, 1979 | 37.85 |
| Aug. 22, 1978 | 164.09 | Oct. 22, 1980 | 81.44 | Nov. 1, 1979 | 45.10 |
| Feb. 8, 1979 | 159.62 | Nov. 19, 1980 | 83.70 | Nov. 29, 1979 | 48.40 |
| Jan. 11, 1980 | 161.10 | Dec. 22, 1980 | 83.70 | Jan. 10, 1980 | 52.50 |
| Jan. 21, 1981 | 159.00 | Jan. 20, 1981 | 82.00 | Feb. 28, 1980 | 54.60 |
| Aug. 4, 1981 | 158.03 | Feb. 26, 1981 | 86.25 | Apr. 2, 1980 | 55.50 |
| Well YD-58-43-205 Owner: Houston Instruments | | Mar. 24, 1981 | 85.45 | Apr. 28, 1980 | 54.45 |
| Mar. 2, 1978 | 81.42 | Apr. 21, 1981 | 80.60 | June 6, 1980 | 48.00 |
| May 10, 1978 | 87.00 | May 20, 1981 | 78.20 | June 25, 1980 | 44.50 |
| July 19, 1978 | 89.26 | June 24, 1981 | 72.52 | July 28, 1980 | 43.46 |
| Aug. 10, 1978 | 91.03 | Well YD-58-43-206 Owner: H. M. Reese | | Sept. 25, 1980 | 50.86 |
| Oct. 24, 1978 | 93.84 | May 2, 1978 | 122.50 | Oct. 22, 1980 | 52.10 |
| Mar. 1, 1979 | 87.10 | Aug. 10, 1978 | 137.60 | Nov. 19, 1980 | 52.80 |
| Mar. 29, 1979 | 79.20 | Jan. 29, 1979 | 111.95 | Dec. 22, 1980 | 52.45 |
| Apr. 26, 1979 | 70.30 | Jan. 10, 1980 | 121.80 | Jan. 20, 1981 | 52.90 |
| | | Aug. 26, 1980 | 110.00 | Feb. 26, 1981 | 53.85 |
| | | Jan. 20, 1981 | 118.50 | Mar. 24, 1981 | 52.75 |

Table 4.—Water Levels in Selected Wells—Continued

Travis County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|---|-------------|---|-------------|---|-------------|
| Well YD-58-43-705—Continued | | Well YD-58-50-206—Continued | | Well YD-58-50-216 Owner: U.S. Geological Survey | |
| Apr. 21, 1981 | 40.40 | Jan. 11, 1980 | 204.00 | Oct. 11, 1978 | 254.80 |
| May 20, 1981 | 47.97 | Jan. 23, 1981 | 208.50 | Oct. 24, 1978 | 256.24 |
| June 24, 1981 | 36.65 | | | Nov. 28, 1978 | 254.35 |
| Well YD-58-50-101 Owner: T. A. Beckett, Jr. | | Well YD-58-50-211 Owner: Travis Country Estates | | Jan. 5, 1979 | 250.98 |
| Mar. 23, 1978 | 173.84 | Mar. 13, 1978 | 198.26 | Jan. 30, 1979 | 236.10 |
| May 22, 1978 | 137.38 | May 10, 1978 | 200.39 | Mar. 1, 1979 | 224.85 |
| Aug. 14, 1978 | 171.10 | Aug. 11, 1978 | 200.90 | Mar. 28, 1979 | 217.30 |
| Jan. 18, 1980 | 161.50 | Oct. 22, 1978 | 226.27 | Apr. 27, 1979 | 209.00 |
| Jan. 23, 1981 | 167.70 | Nov. 11, 1978 | 220.20 | May 29, 1979 | 196.30 |
| Well YD-58-50-102 Owner: T. A. Beckett, Jr. | | Feb. 9, 1979 | 174.90 | June 26, 1979 | 192.70 |
| Mar. 23, 1978 | 138.02 | Jan. 11, 1980 | 202.20 | Aug. 8, 1979 | 203.30 |
| May 22, 1978 | 142.08 | Jan. 23, 1981 | 196.70 | Aug. 29, 1979 | 209.85 |
| Aug. 17, 1978 | 154.80 | May 20, 1981 | 203.30 | Sept. 26, 1979 | 216.10 |
| Feb. 8, 1979 | 137.54 | June 25, 1981 | 163.40 | Nov. 1, 1979 | 229.55 |
| Jan. 23, 1981 | 141.35 | Well YD-58-50-213 Owner: Bill Ashbaugh | | Nov. 30, 1979 | 238.85 |
| Well YD-58-50-201 Owner: Elizabeth Jentsch | | Mar. 13, 1978 | 219.12 | Jan. 18, 1980 | 248.75 |
| Mar. 31, 1978 | 214.50 | May 16, 1978 | 222.35 | Feb. 28, 1980 | 252.00 |
| May 16, 1978 | 216.20 | Aug. 15, 1978 | 227.70 | Apr. 4, 1980 | 255.95 |
| Aug. 11, 1978 | 217.60 | Jan. 31, 1979 | 219.35 | Apr. 29, 1980 | 249.20 |
| Jan. 31, 1979 | 174.50 | Jan. 18, 1980 | 218.50 | June 6, 1980 | 226.15 |
| Jan. 21, 1980 | 211.35 | Jan. 26, 1981 | 218.20 | June 25, 1980 | 235.10 |
| Jan. 23, 1981 | 197.45 | Well YD-58-50-214 Owner: Ray Brownlea | | July 28, 1980 | 241.55 |
| Well YD-58-50-206 Owner: Kenneth Wingfield | | Apr. 10, 1978 | 259.12 | Sept. 8, 1980 | 250.70 |
| Mar. 16, 1978 | 214.10 | May 16, 1978 | 261.24 | Sept. 29, 1980 | 248.60 |
| May 17, 1978 | 210.70 | Aug. 17, 1978 | 264.59 | Oct. 23, 1980 | 245.30 |
| Aug. 11, 1978 | 222.55 | Jan. 31, 1979 | 228.75 | Nov. 20, 1980 | 247.60 |
| | | Jan. 18, 1980 | 254.80 | Dec. 22, 1980 | 241.80 |
| | | Jan. 23, 1981 | 247.20 | Jan. 22, 1981 | 242.70 |
| | | | | Feb. 26, 1981 | 242.25 |
| | | | | Mar. 29, 1981 | 229.15 |
| | | | | Apr. 21, 1981 | 230.75 |

Table 4.—Water Levels in Selected Wells—Continued

Travis County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|---|-------------|---|-------------|--|-------------|
| Well YD-58-50-216—Continued | | Well YD-58-50-217—Continued | | Well YD-58-50-301 Owner: John Lovelady | |
| May 20, 1981 | 238.90 | Mar. 25, 1981 | 78.30 | July 18, 1956 | 196.39 |
| June 25, 1981 | 210.47 | Apr. 21, 1981 | 86.00 | Aug. 31, 1956 | 199.20 |
| | | May 20, 1981 | 113.00 | Oct. 19, 1956 | 199.86 |
| | | June 25, 1981 | 61.67 | Nov. 14, 1956 | 199.60 |
| Well YD-58-50-217 Owner: U.S. Geological Survey | | Well YD-58-50-219 Owner: Travis Country Estates | | Jan. 8, 1957 | 199.19 |
| Sept. 11 1978 | 125.83 | Mar. 24, 1978 | 226.20 | Mar. 5, 1957 | 199.93 |
| Oct. 24, 1978 | 131.35 | May 10, 1978 | 226.20 | May 13, 1957 | 189.21 |
| Nov. 28, 1978 | 131.00 | Aug. 11, 1978 | 226.30 | July 17, 1957 | 174.44 |
| Jan. 5, 1979 | 102.08 | Oct. 24, 1978 | 226.27 | Nov. 14, 1957 | 168.31 |
| Jan. 29, 1979 | 85.90 | Nov. 27, 1978 | 220.20 | May 15, 1958 | 139.19 |
| Mar. 1, 1979 | 77.85 | Jan. 5, 1979 | 210.60 | July 9, 1958 | 142.16 |
| Mar. 29, 1979 | 75.58 | Jan. 29, 1979 | 208.45 | Nov. 18, 1958 | 160.52 |
| Apr. 27, 1979 | 70.70 | Mar. 1, 1979 | 207.87 | June 4, 1959 | 165.43 |
| May 29, 1979 | 65.60 | Mar. 29, 1979 | 207.75 | July 27, 1959 | 172.09 |
| June 26, 1979 | 71.80 | Apr. 26, 1979 | 205.65 | Dec. 16, 1959 | 174.05 |
| Aug. 8, 1979 | 90.55 | May 29, 1979 | 207.15 | Jan. 28, 1960 | 173.55 |
| Aug. 29, 1979 | 103.25 | June 26, 1979 | 215.65 | Feb. 22, 1960 | 169.40 |
| Sept. 26, 1979 | 111.35 | Aug. 8, 1979 | 226.05 | May 26, 1960 | 169.31 |
| Nov. 1, 1979 | 119.55 | Aug. 29, 1979 | 227.80 | Sept. 16, 1960 | 175.26 |
| Nov. 30, 1979 | 123.65 | Sept. 26, 1979 | 228.45 | Sept. 16, 1962 | 186.28 |
| Jan. 1, 1980 | 127.05 | Nov. 1, 1979 | 228.90 | Sept. 11, 1963 | 186.83 |
| Feb. 28, 1980 | 128.60 | Nov. 30, 1979 | 228.90 | Oct. 6, 1964 | 194.64 |
| Apr. 4, 1980 | 115.60 | Jan. 25, 1980 | 228.95 | Oct. 9, 1965 | 158.75 |
| Apr. 29, 1980 | 91.30 | Feb. 28, 1980 | 227.80 | Oct. 3, 1966 | 179.57 |
| June 6, 1980 | 80.15 | Apr. 4, 1980 | 226.75 | Oct. 2, 1967 | 189.37 |
| June 25, 1980 | 110.30 | Apr. 29, 1980 | 226.90 | Oct. 17, 1968 | 145.57 |
| July 28, 1980 | 123.20 | June 6, 1980 | 228.00 | Nov. 4, 1969 | 169.16 |
| Oct. 23, 1980 | 96.95 | June 25, 1980 | 225.70 | Apr. 17, 1972 | 166.81 |
| Nov. 20, 1980 | 98.40 | July 28, 1980 | 226.20 | Apr. 6, 1973 | 153.92 |
| Dec. 22, 1980 | 82.00 | Sept. 29, 1980 | 225.42 | Mar. 8 1974 | 122.79 |
| Jan. 23, 1981 | 85.90 | Dec. 22, 1980 | 227.25 | June 5, 1975 | 124.96 |
| Feb. 26, 1981 | 83.60 | | | Mar. 31, 1976 | 160.13 |

Table 4.—Water Levels in Selected Wells—Continued

Travis County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|---|-------------|---|-------------|
| Well YD-58-50-301—Continued | | Well YD-58-50-301—Continued | | Well YD-58-50-412 Owner: Circle C Ranch | |
| Mar. 14, 1977 | 124.40 | Jan. 23, 1981 | 176.20 | June 9, 1978 | 160.60 |
| Jan. 24, 1978 | 169.93 | Feb. 27, 1981 | 175.15 | Aug. 22, 1978 | 161.43 |
| Mar. 24, 1978 | 178.76 | Mar. 25, 1981 | 169.65 | Oct. 26, 1978 | 162.02 |
| May 17, 1978 | 185.00 | Apr. 23, 1981 | 163.45 | Nov. 28, 1978 | 162.44 |
| Aug. 11, 1978 | 186.48 | May 20, 1981 | 166.30 | Jan. 5, 1979 | 162.18 |
| Oct. 24, 1978 | 190.56 | June 25, 1981 | 156.35 | Jan. 30, 1979 | 158.81 |
| Nov. 28, 1978 | 188.45 | | | Mar. 1, 1979 | 156.57 |
| Jan. 5, 1979 | 186.19 | Well YD-58-50-401 Owner: Mrs. Travis Howard | | Mar. 31, 1979 | 149.07 |
| Jan. 30, 1979 | 175.85 | Mar. 14, 1978 | 249.76 | Apr. 5, 1979 | 154.20 |
| Mar. 1, 1979 | 165.75 | May 23, 1978 | 255.53 | Apr. 27, 1979 | 152.65 |
| Mar. 28, 1979 | 155.44 | Aug. 11, 1978 | 248.02 | June 26, 1979 | 150.00 |
| Apr. 27, 1979 | 144.96 | Feb. 12, 1979 | 214.25 | Aug. 8, 1979 | 150.90 |
| May 30, 1979 | 144.65 | Jan. 18, 1980 | 249.05 | Aug. 30, 1979 | 152.24 |
| June 26, 1979 | 128.98 | Jan. 23, 1981 | 247.70 | Sept. 26, 1979 | 153.60 |
| Aug. 8, 1979 | 126.82 | | | Nov. 2, 1979 | 154.70 |
| Sept. 4, 1979 | 127.40 | Well YD-58-50-402 Owner: John Rehm | | Nov. 29, 1979 | 156.00 |
| Sept. 26, 1979 | 130.78 | Mar. 17, 1978 | 213.93 | Jan. 18, 1980 | 157.20 |
| Nov. 1, 1979 | 140.75 | May 16, 1978 | 214.80 | Mar. 3, 1980 | 160.50 |
| Nov. 29, 1979 | 151.30 | Jan. 31, 1979 | 206.50 | Apr. 4, 1980 | 162.40 |
| Jan. 18, 1980 | 168.70 | Jan. 18, 1980 | 212.40 | Apr. 29, 1980 | 158.20 |
| Feb. 28, 1980 | 176.00 | Jan. 23, 1981 | 213.90 | June 5, 1980 | 154.90 |
| Apr. 4, 1980 | 178.15 | | | June 25, 1980 | 155.20 |
| Apr. 29, 1980 | 178.40 | Well YD-58-50-408 Owner: Donald Rogers | | July 30, 1980 | 155.90 |
| May 19, 1980 | 177.65 | Mar. 9, 1978 | 178.55 | Sept. 4, 1980 | 157.02 |
| June 5, 1980 | 168.70 | May 17, 1978 | 185.78 | Sept. 29, 1980 | 158.05 |
| June 25, 1980 | 165.00 | Aug. 11, 1978 | 182.70 | Oct. 23, 1980 | 158.05 |
| July 28, 1980 | 168.00 | Jan. 30, 1979 | 179.77 | Nov. 20, 1980 | 158.85 |
| Sept. 30, 1980 | 178.70 | Jan. 18, 1980 | 180.70 | Dec. 22, 1980 | 159.30 |
| Oct. 24, 1980 | 176.60 | Jan. 23, 1981 | 181.40 | Jan. 23, 1981 | 159.55 |
| Nov. 20, 1980 | 177.70 | | | Feb. 27, 1981 | 159.70 |
| Dec. 22, 1980 | 176.70 | | | Mar. 25, 1981 | 158.70 |

Table 4.—Water Levels in Selected Wells—Continued

Travis County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well YD-58-58-301—Continued | | Well YD-58-58-301—Continued | | Well YD-58-58-301—Continued | |
| Oct. 31, 1958 | 147.45 | May 31, 1961 | 138.01 | Oct. 25, 1963 | 161.71 |
| Nov. 25, 1958 | 146.01 | June 26, 1961 | 139.46 | Nov. 25, 1963 | 163.20 |
| Dec. 20, 1958 | 144.76 | July 31, 1961 | 140.44 | Dec. 27, 1963 | 163.81 |
| Jan. 20, 1959 | 143.11 | Aug. 25, 1961 | 140.72 | Jan. 24, 1964 | 164.27 |
| Feb. 24, 1959 | 143.58 | Sept. 21, 1961 | 147.39 | Feb. 27, 1964 | 164.79 |
| Mar. 26, 1959 | 144.00 | Sept. 27, 1961 | 141.72 | Mar. 26, 1964 | 165.14 |
| Apr. 27, 1959 | 144.37 | Oct. 27, 1961 | 142.82 | Apr. 24, 1964 | 164.99 |
| May 26, 1959 | 144.07 | Nov. 28, 1961 | 144.46 | May 27, 1964 | 165.54 |
| June 24, 1959 | 143.97 | Dec. 27, 1961 | 145.64 | June 25, 1964 | 165.70 |
| July 27, 1959 | 144.76 | Jan. 29, 1962 | 147.11 | July 27, 1964 | 167.82 |
| Aug. 26, 1959 | 145.93 | Feb. 28, 1962 | 148.44 | Aug. 26, 1964 | 167.20 |
| Sept. 25, 1959 | 147.30 | Mar. 27, 1962 | 149.94 | Sept. 28, 1964 | 168.80 |
| Oct. 28, 1959 | 147.63 | Apr. 25, 1962 | 151.32 | Oct. 27, 1964 | 168.05 |
| Nov. 25, 1959 | 145.85 | May 29, 1962 | 152.95 | Nov. 30, 1964 | 167.92 |
| Dec. 29, 1959 | 144.36 | June 25, 1962 | 154.14 | Dec. 28, 1964 | 165.60 |
| Jan. 28, 1960 | 143.07 | July 30, 1962 | 155.24 | Jan. 27, 1965 | 164.81 |
| Feb. 22, 1960 | 141.88 | Aug. 27, 1962 | 156.73 | Feb. 23, 1965 | 161.92 |
| Mar. 28, 1960 | 140.61 | Sept. 19, 1962 | 158.05 | Mar. 26, 1965 | 156.75 |
| Apr. 25, 1960 | 139.91 | Sept. 24, 1962 | 158.25 | Apr. 23, 1965 | 154.05 |
| May 26, 1960 | 139.44 | Oct. 30, 1962 | 158.11 | May 27, 1965 | 148.64 |
| June 28, 1960 | 140.04 | Nov. 28, 1962 | 158.04 | June 22, 1965 | 145.62 |
| July 28, 1960 | 141.25 | Dec. 27, 1962 | 158.33 | July 21, 1965 | 143.63 |
| Aug. 26, 1960 | 142.38 | Jan. 29, 1963 | 157.60 | Aug. 25, 1965 | 143.46 |
| Sept. 29, 1960 | 142.90 | Feb. 26, 1963 | 157.59 | Sept. 29, 1965 | 143.36 |
| Oct. 28, 1960 | 143.82 | Mar. 26, 1963 | 157.17 | Oct. 27, 1965 | 144.52 |
| Nov. 25, 1960 | 143.11 | Apr. 26, 1963 | 156.69 | Nov. 26, 1965 | 144.74 |
| Dec. 27, 1960 | 142.88 | May 27, 1963 | 155.17 | Dec. 27, 1965 | 145.05 |
| Jan. 26, 1961 | 139.61 | June 25, 1963 | 155.89 | Jan. 25, 1966 | 144.30 |
| Feb. 27, 1961 | 137.71 | July 29, 1963 | 157.05 | Feb. 25, 1966 | 144.23 |
| Mar. 29, 1961 | 136.76 | Aug. 27, 1963 | 158.93 | Mar. 23, 1966 | 146.31 |
| Apr. 28, 1961 | 136.97 | Sept. 11, 1963 | 161.05 | Apr. 25, 1966 | 143.80 |
| | | Sept. 25, 1963 | 160.36 | May 25, 1966 | 143.63 |

Table 4.—Water Levels in Selected Wells—Continued

Travis County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well YD-58-58-301—Continued | | Well YD-58-58-301—Continued | | Well YD-58-58-301—Continued | |
| June 27, 1966 | 143.59 | Jan. 28, 1969 | 143.50 | Oct. 27, 1971 | 154.37 |
| July 25, 1966 | 144.16 | Feb. 24, 1969 | 144.85 | Nov. 23, 1971 | 154.06 |
| Aug. 25, 1966 | 144.20 | Mar. 25, 1969 | 144.08 | Dec. 22, 1971 | 153.90 |
| Sept. 27, 1966 | 147.95 | Apr. 25, 1969 | 141.97 | Jan. 25, 1972 | 149.18 |
| Oct. 27, 1966 | 149.40 | May 26, 1969 | 139.78 | Feb. 22, 1972 | 146.62 |
| Nov. 28, 1966 | 151.21 | June 25, 1969 | 137.36 | Mar. 23, 1972 | 144.96 |
| Dec. 23, 1966 | 152.51 | July 25, 1969 | 136.82 | Apr. 17, 1972 | 145.85 |
| Jan. 27, 1967 | 154.26 | Aug. 25, 1969 | 137.39 | Apr. 24, 1972 | 145.01 |
| Feb. 23, 1967 | 155.66 | Sept. 26, 1969 | 138.67 | May 24, 1972 | 147.57 |
| Mar. 27, 1967 | 157.35 | Oct. 24, 1969 | 140.14 | June 23, 1972 | 144.68 |
| Apr. 26, 1967 | 159.26 | Nov. 24, 1969 | 141.44 | July 24, 1972 | 143.31 |
| May 24, 1967 | 160.71 | Dec. 24, 1969 | 142.10 | Aug. 24, 1972 | 142.91 |
| June 26, 1967 | 162.42 | Jan. 26, 1970 | 141.95 | Sept. 22, 1972 | 143.98 |
| July 25, 1967 | 164.10 | Feb. 25, 1970 | 141.09 | Oct. 24, 1972 | 144.81 |
| Aug. 25, 1967 | 166.16 | Apr. 24, 1970 | 133.22 | Nov. 24, 1972 | 146.51 |
| Sept. 25, 1967 | 167.07 | May 25, 1970 | 130.60 | Dec. 22, 1972 | 147.56 |
| Oct. 30, 1967 | 163.12 | June 24, 1970 | 129.41 | Jan. 24, 1973 | 146.70 |
| Nov. 27, 1967 | 158.76 | July 24, 1970 | 126.30 | Feb. 21, 1973 | 144.18 |
| Dec. 27, 1967 | 153.43 | Aug. 25, 1970 | 126.61 | Mar. 23, 1973 | 139.44 |
| Jan. 24, 1968 | 149.64 | Sept. 25, 1970 | 127.96 | Apr. 23, 1973 | 145.49 |
| Feb. 23, 1968 | 145.05 | Oct. 23, 1970 | 128.92 | May 23, 1973 | 132.28 |
| Mar. 26, 1968 | 141.57 | Nov. 24, 1970 | 131.32 | June 22, 1973 | 130.38 |
| Apr. 25, 1968 | 139.14 | Dec. 23, 1970 | 133.09 | July 25, 1973 | 128.00 |
| May 27, 1968 | 137.77 | Jan. 26, 1971 | 136.54 | Aug. 27, 1973 | 125.62 |
| June 26, 1968 | 136.77 | Feb. 22, 1971 | 139.03 | Sept. 25, 1973 | 125.74 |
| July 25, 1968 | 136.08 | Mar. 24, 1971 | 141.95 | Oct. 25, 1973 | 126.14 |
| Aug. 23, 1968 | 136.05 | Apr. 23, 1971 | 145.04 | Nov. 27, 1973 | 123.72 |
| Sept. 24, 1968 | 137.96 | May 24, 1971 | 148.24 | Dec. 27, 1973 | 122.16 |
| Oct. 24, 1968 | 138.50 | June 23, 1971 | 150.50 | Jan. 28, 1974 | 121.18 |
| Nov. 25, 1968 | 138.76 | July 28, 1971 | 152.46 | Feb. 25, 1974 | 121.47 |
| Dec. 27, 1968 | 141.59 | Aug. 25, 1971 | 153.40 | Mar. 8, 1974 | 121.90 |
| | | Sept. 23, 1971 | 153.97 | Mar. 26, 1974 | 121.25 |

Table 4.—Water Levels in Selected Wells—Continued

Travis County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well YD-58-58-301—Continued | | Well YD-58-58-301—Continued | | Well YD-58-58-301—Continued | |
| Apr. 24, 1974 | 120.71 | Oct. 22, 1976 | 126.49 | Apr. 26, 1979 | 142.68 |
| May 29, 1974 | 123.45 | Nov. 22, 1976 | 126.16 | June 27, 1979 | 132.86 |
| June 24, 1974 | 126.12 | Dec. 21, 1976 | 125.41 | July 25, 1979 | 142.70 |
| July 25, 1974 | 129.48 | Jan. 26, 1977 | 124.08 | Aug. 28, 1979 | 139.78 |
| Aug. 26, 1974 | 132.80 | Feb. 23, 1977 | 121.99 | Sept. 26, 1979 | 133.35 |
| Sept. 26, 1974 | 134.72 | Mar. 14, 1977 | 122.50 | Oct. 26, 1979 | 132.75 |
| Oct. 23, 1974 | 136.50 | Mar. 28, 1977 | 121.88 | Nov. 28, 1979 | 135.33 |
| Nov. 25, 1974 | 138.80 | Apr. 22, 1977 | 121.98 | Dec. 27, 1979 | 137.50 |
| Dec. 26, 1974 | 135.15 | May 25, 1977 | 121.21 | Jan. 24, 1980 | 137.85 |
| Jan. 28, 1975 | 132.54 | June 28, 1977 | 121.08 | Feb. 26, 1980 | 144.15 |
| Feb. 26, 1975 | 130.69 | July 27, 1977 | 121.84 | Mar. 28, 1980 | 146.20 |
| Mar. 26, 1975 | 128.87 | Aug. 25, 1977 | 123.63 | Apr. 24, 1980 | 146.20 |
| Apr. 23, 1975 | 127.98 | Sept. 22, 1977 | 125.78 | May 29, 1980 | 151.97 |
| May 27, 1975 | 127.59 | Oct. 25, 1977 | 128.67 | June 26, 1980 | 145.65 |
| June 25, 1975 | 126.33 | Nov. 22, 1977 | 131.08 | July 25, 1980 | 144.67 |
| July 28, 1975 | 124.67 | Dec. 27, 1977 | 134.48 | Aug. 28, 1980 | 146.35 |
| Aug. 25, 1975 | 123.78 | Jan. 25, 1978 | 137.05 | Sept. 25, 1980 | 152.44 |
| Sept. 24, 1975 | 123.82 | Feb. 23, 1978 | 141.10 | Oct. 23, 1980 | 149.40 |
| Oct. 24, 1975 | 124.15 | Mar. 24, 1978 | 142.06 | Oct. 24, 1980 | 153.20 |
| Nov. 24, 1975 | 128.05 | Apr. 26, 1978 | 144.53 | Nov. 21, 1980 | 149.00 |
| Dec. 23, 1975 | 129.27 | May 24, 1978 | 146.37 | Jan. 23, 1981 | 149.70 |
| Jan. 26, 1976 | 131.22 | June 27, 1978 | 148.32 | Feb. 23, 1981 | 151.40 |
| Feb. 24, 1976 | 133.64 | July 27, 1978 | 150.21 | Mar. 25, 1981 | 149.60 |
| Mar. 25, 1976 | 133.79 | Aug. 25, 1978 | 152.38 | Apr. 23, 1981 | 147.60 |
| Apr. 26, 1976 | 136.07 | Sept. 26, 1978 | 153.39 | May 27, 1981 | 148.80 |
| May 27, 1976 | 133.78 | Oct. 25, 1978 | 159.02 | June 25, 1981 | 142.85 |
| June 24, 1976 | 130.49 | Nov. 27, 1978 | 154.15 | July 23, 1981 | 139.90 |
| July 23, 1976 | 128.45 | Dec. 26, 1978 | 153.67 | Aug. 25, 1981 | 129.15 |
| Aug. 25, 1976 | 127.00 | Jan. 29, 1979 | 151.75 | Sept. 22, 1981 | 133.85 |
| Sept. 23, 1976 | 126.45 | Feb. 21, 1979 | 149.65 | Oct. 22, 1981 | 133.80 |
| | | Mar. 27, 1979 | 144.14 | Nov. 25, 1981 | 133.15 |
| | | | | Dec. 28, 1981 | 136.90 |

Table 4.—Water Levels in Selected Wells—Continued

Williamson County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|---|-------------|---|-------------|--|-------------|
| Well ZK 58-19-303 Owner: Donald Hoyle | | Well ZK-58-19-303—Continued | | Well ZK-58-19-503—Continued | |
| Sept. 6, 1978 | 45.95 | Apr. 7, 1981 | 32.58 | Jan. 3, 1980 | 78.41 |
| Oct. 3, 1978 | 53.03 | May 6, 1981 | 33.62 | Feb. 7, 1980 | 78.73 |
| Nov. 1, 1978 | 52.25 | Well ZK 58-19-404 Owner: State of Texas | | Mar. 4, 1980 | 77.01 |
| Dec. 4, 1978 | 46.75 | June 17, 1980 | 65.13 | Mar. 31, 1980 | 76.37 |
| Jan. 8, 1979 | 38.32 | July 1, 1980 | 64.57 | May 7, 1980 | 76.37 |
| Feb. 27, 1979 | 31.35 | Aug. 19, 1980 | 66.20 | July 1, 1980 | 77.72 |
| Apr. 5, 1979 | 26.46 | Sept. 3, 1980 | 64.90 | Aug. 14, 1980 | 80.60 |
| May 8, 1979 | 24.80 | Oct. 14, 1980 | 66.10 | Sept. 3, 1980 | 83.29 |
| June 7, 1979 | 23.45 | Nov. 10, 1980 | 65.80 | Oct. 14, 1980 | 84.48 |
| July 9, 1979 | 24.70 | Dec. 2, 1980 | 65.85 | Nov. 10, 1980 | 81.35 |
| Aug. 2, 1979 | 26.69 | Jan. 7, 1981 | 65.95 | Dec. 3, 1980 | 80.44 |
| Sept. 5, 1979 | 29.98 | Jan. 21, 1981 | 66.35 | Jan. 7, 1981 | 79.16 |
| Oct. 1, 1979 | 34.87 | Mar. 11, 1981 | 65.75 | Jan. 20, 1981 | 78.68 |
| Nov. 1, 1979 | 34.48 | Apr. 7, 1981 | 65.47 | Mar. 11, 1981 | 78.62 |
| Dec. 3, 1979 | 36.02 | May 6, 1981 | 65.38 | Apr. 7, 1981 | 76.77 |
| Jan. 2, 1980 | 37.25 | Well ZK 58-19-503 Owner: Thomas G. Sams | | May 6, 1981 | 76.26 |
| Feb. 6, 1980 | 38.04 | Sept. 5, 1978 | 81.40 | Well ZK 58-19-505 Owner: Ralph Petty | |
| Mar. 3, 1980 | 33.55 | Oct. 3, 1978 | 82.19 | Sept. 5, 1978 | 57.90 |
| Mar. 31, 1980 | 35.15 | Nov. 1, 1978 | 81.43 | Oct. 3, 1978 | 57.70 |
| May 6, 1980 | 33.60 | Jan. 9, 1979 | 78.90 | Nov. 1, 1978 | 57.80 |
| June 11, 1980 | 32.53 | Feb. 27, 1979 | 72.87 | Dec. 4, 1978 | 56.20 |
| June 30, 1980 | 47.35 | Apr. 5, 1979 | 66.73 | Jan. 9, 1979 | 54.68 |
| Aug. 14, 1980 | 42.50 | May 8, 1979 | 65.84 | Feb. 12, 1979 | 49.06 |
| Sept. 2, 1980 | 49.54 | June 8, 1979 | 67.35 | Feb. 27, 1979 | 48.74 |
| Oct. 14, 1980 | 34.26 | July 10, 1979 | 64.39 | Apr. 5, 1979 | 42.70 |
| Nov. 7, 1980 | 37.85 | Aug. 3, 1979 | 66.73 | May 8, 1979 | 41.70 |
| Dec. 2, 1980 | 40.92 | Sept. 5, 1979 | 70.36 | June 8, 1979 | 39.10 |
| Jan. 6, 1981 | 42.80 | Oct. 2, 1979 | 73.32 | July 10, 1979 | 40.46 |
| Jan. 20, 1981 | 41.65 | Nov. 2, 1979 | 76.08 | Aug. 3, 1979 | 42.86 |
| Mar. 11, 1981 | 38.87 | Dec. 4, 1979 | 78.02 | Sept. 5, 1979 | 46.24 |
| | | | | Oct. 2, 1979 | 49.22 |

Table 4.—Water Levels in Selected Wells—Continued

Williamson County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|--|-------------|---|-------------|--|-------------|
| Well ZK 58-20-403 Owner: Victor Knauth | | Well ZK-58-20-901—Continued | | Well ZK 58-27-204 Owner: Ben Hartman | |
| Aug. 23, 1978 | 92.10 | Mar. 19, 1980 | 0.07 | July 16, 1940 | 88.70 |
| Mar. 6, 1980 | 80.95 | Jan. 20, 1981 | 9.30 | July 23, 1941 | 65.58 |
| Jan. 20, 1981 | 85.25 | Well ZK 58-27-102 Owner: State of Texas | | Nov. 21, 1941 | 84.66 |
| Well ZK 58-20-404 Owner: Rex Anderson | | May 7, 1980 | 76.50 | Apr. 14, 1942 | 91.94 |
| Aug. 25, 1978 | 27.75 | June 11, 1980 | 79.11 | Aug. 12, 1942 | 98.57 |
| Mar. 6, 1980 | 18.04 | July 1, 1980 | 79.20 | Dec. 10, 1942 | 94.98 |
| Jan. 20, 1981 | 21.98 | Aug. 19, 1980 | 79.38 | Apr. 21, 1943 | 96.05 |
| Well ZK 58-20-704 Owner: Arthur Faulkner | | Sept. 3, 1980 | 79.35 | Sept. 8, 1943 | 101.58 |
| Aug. 25, 1978 | 66.05 | Oct. 15, 1980 | 79.46 | May 25, 1945 | 76.83 |
| Mar. 6, 1980 | 51.77 | Nov. 10, 1980 | 79.49 | Aug. 12, 1948 | 99.27 |
| Jan. 20, 1981 | 57.55 | Dec. 3, 1980 | 79.48 | Feb. 9, 1949 | 99.07 |
| Well ZK 58-20-901 Owner: Ansel Holmstrom | | Jan. 6, 1981 | 79.43 | Sept. 7, 1949 | 99.10 |
| May 9, 1966 | +18.50 | Jan. 21, 1981 | 79.50 | Nov. 28, 1949 | 99.80 |
| Mar. 23, 1967 | +15.00 | Mar. 11, 1981 | 79.40 | Apr. 3, 1950 | 97.17 |
| Mar. 19, 1968 | +14.36 | Apr. 8, 1981 | 79.22 | Aug. 4, 1950 | 98.98 |
| Mar. 18, 1969 | +21.29 | May 6, 1981 | 79.44 | Dec. 5, 1950 | 102.62 |
| Mar. 23, 1970 | +15.52 | Well ZK 58-27-103 Owner: State of Texas | | Jan. 5, 1951 | 102.92 |
| Mar. 22, 1971 | +14.36 | May 7, 1980 | 69.70 | Apr. 9, 1951 | 101.81 |
| Mar. 14, 1972 | +7.43 | June 11, 1980 | 68.90 | Aug. 10, 1951 | 101.95 |
| Mar. 15, 1973 | +8.50 | July 1, 1980 | 68.00 | Jan. 7, 1952 | 101.63 |
| Mar. 19, 1974 | +7.40 | Aug. 9, 1980 | 70.90 | Apr. 8, 1952 | 103.80 |
| Mar. 28, 1975 | +13.00 | Sept. 3, 1980 | 68.23 | Aug. 12, 1952 | 101.83 |
| Mar. 10, 1976 | +2.40 | Oct. 15, 1980 | 69.70 | Sept. 3, 1952 | 102.12 |
| Mar. 17, 1977 | +13.00 | Nov. 10, 1980 | 69.04 | Dec. 18, 1952 | 101.05 |
| Apr. 13, 1978 | +1.10 | Dec. 3, 1980 | 69.25 | Apr. 15, 1953 | 98.74 |
| Mar. 23, 1979 | 4.35 | Jan. 6, 1981 | 68.92 | Apr. 20, 1954 | 101.74 |
| Mar. 6, 1980 | 0.07 | Jan. 21, 1981 | 69.48 | Dec. 8, 1954 | 105.04 |
| | | Mar. 11, 1981 | 69.45 | Mar. 14, 1955 | 104.75 |
| | | Apr. 8, 1981 | 69.00 | July 18, 1955 | 101.49 |
| | | May 6, 1981 | 68.54 | Nov. 12, 1956 | 99.94 |
| | | | | Jan. 9, 1957 | 104.69 |
| | | | | Mar. 19, 1957 | 103.89 |

Table 4.—Water Levels in Selected Wells—Continued

Williamson County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|--|-------------|---|-------------|--|-------------|
| Well ZK-58-27-204—Continued | | Well ZK-58-27-214—Continued | | Well ZK 58-27-504 Owner: --Hoppy | |
| May 15, 1957 | 86.19 | Mar. 4, 1980 | 64.40 | Aug. 7, 1950 | 97.40 |
| July 18, 1957 | 83.41 | Mar. 31, 1980 | 62.20 | Dec. 6, 1950 | 98.98 |
| Mar. 17, 1958 | 61.69 | May 7, 1980 | 73.27 | Jan. 5, 1951 | 97.76 |
| May 19, 1958 | 64.02 | June 11, 1980 | 74.32 | Apr. 9, 1951 | 97.32 |
| July 15, 1958 | 73.94 | July 1, 1980 | 74.24 | Aug. 10, 1951 | 99.32 |
| Nov. 18, 1958 | 76.45 | Aug. 14, 1980 | 74.42 | Apr. 8, 1952 | 99.08 |
| Sept. 24, 1962 | 96.08 | Oct. 15, 1980 | 62.40 | Aug. 12, 1952 | 99.55 |
| Oct. 7, 1964 | 93.40 | Dec. 3, 1980 | 63.02 | Dec. 18, 1952 | 100.97 |
| Oct. 5, 1965 | 87.83 | Jan. 21, 1981 | 62.05 | Apr. 15, 1953 | 100.90 |
| Oct. 5, 1966 | 79.00 | Mar. 11, 1981 | 61.68 | Aug. 7, 1953 | 99.43 |
| Oct. 3, 1967 | 94.54 | Apr. 8, 1981 | 60.51 | Dec. 15, 1953 | 98.35 |
| Oct. 14, 1968 | 82.27 | May 7, 1981 | 61.14 | Apr. 20, 1954 | 99.17 |
| Nov. 6, 1969 | 88.36 | | | Dec. 28, 1954 | 99.49 |
| Mar. 5, 1970 | 71.78 | Well ZK 58-27-217 Owner: State of Texas | | Mar. 14, 1955 | 92.54 |
| Mar. 25, 1971 | 91.34 | May 7, 1980 | 82.53 | July 18, 1955 | 105.46 |
| Mar. 26, 1971 | 94.20 | June 11, 1980 | 82.28 | Nov. 10, 1955 | 99.62 |
| Mar. 8, 1972 | 96.48 | July 1, 1980 | 81.70 | Mar. 16, 1956 | 99.64 |
| Mar. 6, 1973 | 75.09 | Aug. 19, 1980 | 84.10 | July 19, 1956 | 100.06 |
| Mar. 14, 1973 | 75.70 | Sept. 3, 1980 | 81.81 | Sept. 4, 1956 | 100.86 |
| Mar. 19, 1974 | 78.65 | Oct. 15, 1980 | 83.80 | Nov. 12, 1956 | 99.50 |
| Mar. 11, 1976 | 94.05 | Nov. 10, 1980 | 82.45 | Jan. 9, 1957 | 99.69 |
| Mar. 16, 1977 | 81.20 | Dec. 3, 1980 | 82.40 | Mar. 19, 1957 | 99.90 |
| Apr. 13, 1978 | 96.77 | Jan. 6, 1981 | 82.25 | May 15, 1957 | 93.43 |
| Well ZK 58-27-214 Owner: Inner Space Caves | | Jan. 21, 1981 | 82.90 | July 18, 1957 | 84.35 |
| Oct. 2, 1979 | 58.72 | Mar. 11, 1981 | 82.60 | Nov. 27, 1957 | 72.75 |
| Nov. 2, 1979 | 58.97 | Apr. 8, 1981 | 82.23 | May 19, 1958 | 62.86 |
| Dec. 4, 1979 | 59.84 | May 6, 1981 | 82.45 | July 15, 1958 | 67.09 |
| Jan. 3, 1980 | 60.39 | Well ZK 58-27-305 Owner: State of Texas | | Nov. 18, 1958 | 71.05 |
| Feb. 7, 1980 | 61.34 | Oct. 12, 1980 | 177.11 | May 14, 1959 | 81.06 |
| | | Jan. 20, 1981 | 167.39 | Dec. 18, 1959 | 83.37 |
| | | | | Jan. 16, 1961 | 76.89 |

Table 4.—Water Levels in Selected Wells—Continued

Williamson County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well ZK-58-27-504—Continued | | Well ZK-58-27-504—Continued | | Well ZK-58-27-519—Continued | |
| Sept. 25, 1962 | 88.90 | Dec. 4, 1979 | 90.95 | Sept. 3, 1980 | 137.15 |
| Sept. 12, 1963 | 98.27 | Jan. 3, 1980 | 87.96 | Oct. 14, 1980 | 134.70 |
| Oct. 5, 1965 | 80.85 | Feb. 7, 1980 | 92.40 | Nov. 10, 1980 | 139.80 |
| Mar. 18, 1966 | 72.90 | Mar. 4, 1980 | 95.40 | Dec. 2, 1980 | 138.38 |
| Mar. 23, 1967 | 96.22 | Mar. 19, 1980 | 95.34 | Jan. 6, 1981 | 136.16 |
| Oct. 4, 1967 | 93.17 | Apr. 7, 1980 | 96.52 | Jan. 21, 1981 | 132.32 |
| Oct. 14, 1968 | 73.30 | May 7, 1980 | 93.10 | Mar. 11, 1981 | 129.10 |
| Apr. 2, 1969 | 77.18 | June 11, 1980 | 96.73 | | |
| Nov. 6, 1969 | 74.00 | Aug. 15, 1980 | 108.80 | Well ZK 58-27-714 | |
| Mar. 5, 1970 | 70.80 | Sept. 3, 1980 | 98.50 | Owner: Unknown | |
| Mar. 25, 1971 | 91.40 | Oct. 15, 1980 | 99.55 | Sept. 14, 1978 | 63.65 |
| Mar. 8, 1972 | 96.11 | Nov. 10, 1980 | 100.10 | Oct. 4, 1978 | 62.50 |
| Mar. 14, 1973 | 75.00 | Dec. 3, 1980 | 103.62 | Nov. 2, 1978 | 66.06 |
| Mar. 19, 1974 | 79.10 | Jan. 6, 1981 | 103.10 | Jan. 9, 1979 | 66.20 |
| May 30, 1975 | 69.30 | Jan. 21, 1981 | 106.45 | Feb. 13, 1979 | 57.22 |
| Mar. 11, 1976 | 93.24 | Mar. 10, 1981 | 99.04 | Feb. 28, 1979 | 57.45 |
| Mar. 17, 1977 | 74.17 | Apr. 3, 1981 | 96.24 | Apr. 4, 1979 | 56.15 |
| Apr. 12, 1978 | 96.94 | Apr. 8, 1981 | 88.20 | June 8, 1979 | 56.60 |
| Oct. 4, 1978 | 105.36 | May 7, 1981 | 91.36 | July 10, 1979 | 56.18 |
| Nov. 1, 1978 | 103.55 | | | Aug. 3, 1979 | 56.70 |
| Dec. 4, 1978 | 102.80 | Well ZK 58-27-519 | | Sept. 5, 1979 | 59.25 |
| Jan. 9, 1979 | 95.35 | Owner: Texas Crushed Stone | | Oct. 2, 1979 | 61.15 |
| Feb. 13, 1979 | 87.78 | Oct. 2, 1979 | 112.36 | Dec. 4, 1979 | 64.97 |
| Feb. 27, 1979 | 93.32 | Nov. 2, 1979 | 119.66 | Jan. 3, 1980 | 62.40 |
| Apr. 6, 1979 | 80.95 | Dec. 4, 1979 | 123.26 | Mar. 4, 1980 | 61.70 |
| May 9, 1979 | 77.05 | Jan. 3, 1980 | 123.92 | Jan. 21, 1981 | 72.35 |
| July 10, 1979 | 70.24 | Feb. 7, 1980 | 128.85 | | |
| Aug. 3, 1979 | 69.52 | Mar. 4, 1980 | 130.40 | Well ZK 58-27-814 | |
| Sept. 6, 1979 | 77.64 | Apr. 7, 1980 | 132.15 | Owner: N. Whitlow | |
| Oct. 2, 1979 | 75.95 | May 7, 1980 | 132.02 | Oct. 10, 1978 | 43.75 |
| Nov. 2, 1979 | 81.74 | June 11, 1980 | 124.94 | Dec. 20, 1978 | 46.33 |
| | | July 1, 1980 | 128.94 | Jan. 9, 1979 | 47.22 |
| | | Aug. 15, 1980 | 131.95 | Feb. 13, 1979 | 43.34 |
| | | | | Mar. 23, 1979 | 37.88 |

Table 4.—Water Levels in Selected Wells—Continued

Williamson County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|------------------------------------|-------------|------------------------------------|-------------|
| Well ZK-58-27-814—Continued | | Well ZK-58-27-901—Continued | | Well ZK-58-27-901—Continued | |
| Mar. 13, 1980 | 67.80 | Nov. 23, 1966 | 64.86 | July 11, 1972 | 95.80 |
| Jan. 21, 1981 | 67.65 | Dec. 29, 1966 | 77.93 | Aug. 8, 1972 | 87.60 |
| Well ZK 58-27-829 | | May 4, 1967 | 73.26 | Sept. 12, 1972 | 88.00 |
| Owner: Williamson County MUD | | June 9, 1967 | 73.13 | Oct. 3, 1972 | 87.10 |
| No. 2 | | Sept. 15, 1967 | 73.42 | Nov. 7, 1972 | 88.30 |
| Oct. 2, 1979 | 53.95 | Oct. 4, 1967 | 73.15 | Dec. 5, 1972 | 88.10 |
| Nov. 2, 1979 | 58.10 | Nov. 9, 1967 | 73.30 | Jan. 9, 1973 | 87.90 |
| Dec. 4, 1979 | 61.84 | Dec. 8, 1967 | 73.16 | Feb. 6, 1973 | 87.10 |
| Jan. 3, 1980 | 61.64 | Jan. 15, 1968 | 62.60 | Mar. 15, 1973 | 45.90 |
| Feb. 7, 1980 | 63.26 | Feb. 7, 1968 | 36.94 | May 8, 1973 | 85.15 |
| Mar. 4, 1980 | 63.02 | Mar. 13, 1968 | 25.59 | July 5, 1973 | 60.50 |
| Apr. 7, 1980 | 62.95 | Apr. 1, 1969 | 60.66 | Sept. 11, 1973 | 85.10 |
| May 7, 1980 | 59.59 | Sept. 30, 1969 | 61.50 | Dec. 4, 1973 | 85.07 |
| July 1, 1980 | 71.00 | Oct. 23, 1969 | 78.30 | Jan. 8, 1974 | 84.10 |
| Aug. 15, 1980 | 70.65 | Nov. 25, 1969 | 83.55 | Mar. 18, 1974 | 85.26 |
| Sept. 3, 1980 | 67.23 | Dec. 22, 1969 | 82.20 | June 2, 1975 | 35.50 |
| Oct. 15, 1980 | 66.51 | Feb. 5, 1971 | 71.40 | Mar. 11, 1976 | 72.60 |
| Nov. 10, 1980 | 64.36 | Mar. 24, 1971 | 73.21 | Mar. 17, 1977 | 61.47 |
| Dec. 2, 1980 | 63.84 | Apr. 9, 1971 | 76.50 | Apr. 12, 1978 | 116.94 |
| Jan. 6, 1981 | 62.68 | June 8, 1971 | 80.80 | Sept. 6, 1978 | 136.25 |
| Jan. 21, 1981 | 63.12 | July 9, 1971 | 88.10 | Oct. 4, 1978 | 131.44 |
| Mar. 10, 1981 | 62.13 | Aug. 3, 1971 | 88.25 | Nov. 1, 1978 | 152.00 |
| Apr. 8, 1981 | 62.20 | Sept. 3, 1971 | 88.12 | Dec. 4, 1978 | 133.90 |
| May 6, 1981 | 64.19 | Oct. 5, 1971 | 88.10 | Jan. 9, 1979 | 127.02 |
| Well ZK 58-27-901 | | Nov. 4, 1971 | 88.40 | Feb. 13, 1979 | 109.49 |
| Owner: Glenn Neans | | Dec. 3, 1971 | 88.30 | Feb. 28, 1979 | 97.80 |
| Jan. 19, 1961 | 36.09 | Jan. 7, 1972 | 87.65 | Apr. 6, 1979 | 92.05 |
| Mar. 22, 1966 | 48.21 | Feb. 8, 1972 | 87.60 | May 4, 1979 | 76.65 |
| Aug. 31, 1966 | 51.95 | Mar. 8, 1972 | 93.39 | June 8, 1979 | 68.20 |
| Sept. 27, 1966 | 53.92 | Apr. 7, 1972 | 93.80 | July 10, 1979 | 73.27 |
| Nov. 3, 1966 | 59.83 | May 5, 1972 | 96.10 | Aug. 3, 1979 | 79.20 |
| | | June 2, 1972 | 95.85 | Oct. 2, 1979 | 98.15 |

Table 4.—Water Levels in Selected Wells—Continued

Bell County

| Date | Water level | Date | Water level | Date | Water level |
|---|-------------|--|-------------|--|-------------|
| Well AX 58-04-202 Owner: C. G. Benson | | Well AX-58-04-202—Continued | | Well AX-58-04-302—Continued | |
| Sept. 14, 1978 | 57.56 | Jan. 20, 1981 | 56.76 | Jan. 7, 1980 | 118.60 |
| Oct. 3, 1978 | 57.58 | Mar. 10, 1981 | 58.52 | Jan. 20, 1981 | 115.31 |
| Nov. 1, 1978 | 58.92 | Apr. 7, 1981 | 56.72 | Apr. 7, 1981 | 115.41 |
| Dec. 4, 1978 | 57.15 | May 7, 1981 | 56.70 | May 6, 1981 | 111.64 |
| Jan. 8, 1979 | 56.11 | Well AX 58-04-302 Owner: Betty Madison | | Well AX 58-04-308 Owner: Donald Frazier | |
| Feb. 12, 1979 | 53.11 | Sept. 14, 1978 | 115.69 | July 24, 1978 | 80.87 |
| Feb. 27, 1979 | 53.14 | Oct. 3, 1978 | 115.70 | Feb. 21, 1980 | 80.19 |
| Apr. 5, 1979 | 52.78 | Nov. 1, 1978 | 116.49 | Jan. 20, 1981 | 75.65 |
| May 8, 1979 | 52.85 | Dec. 4, 1978 | 115.61 | Well AX 58-04-311 Owner: State of Texas | |
| June 7, 1979 | 51.60 | Jan. 9, 1979 | 115.65 | July 28, 1980 | 71.00 |
| July 9, 1979 | 53.31 | Feb. 12, 1979 | 107.19 | July 29, 1980 | 67.52 |
| Aug. 2, 1979 | 54.47 | Feb. 27, 1979 | 116.16 | July 31, 1980 | 69.34 |
| Sept. 5, 1979 | 55.05 | May 8, 1979 | 113.05 | Aug. 18, 1980 | 70.06 |
| Oct. 1, 1979 | 59.14 | July 9, 1979 | 114.37 | Sept. 2, 1980 | 70.35 |
| Nov. 1, 1979 | 64.74 | Aug. 2, 1979 | 114.70 | Oct. 14, 1980 | 71.07 |
| Dec. 2, 1979 | 56.17 | Sept. 5, 1979 | 115.04 | Nov. 7, 1980 | 71.15 |
| Jan. 2, 1980 | 55.56 | Oct. 1, 1979 | 116.92 | Dec. 2, 1980 | 71.12 |
| Feb. 6, 1980 | 56.06 | Nov. 1, 1979 | 115.55 | Jan. 7, 1981 | 71.08 |
| Feb. 25, 1980 | 55.95 | Dec. 3, 1979 | 117.91 | Jan. 20, 1981 | 73.16 |
| Mar. 3, 1980 | 55.67 | Jan. 2, 1980 | 109.97 | Mar. 10, 1981 | 71.03 |
| Mar. 31, 1980 | 55.58 | Feb. 6, 1980 | 111.45 | Apr. 7, 1981 | 70.88 |
| May 6, 1980 | 55.26 | Mar. 3, 1980 | 115.45 | May 7, 1981 | 71.10 |
| June 10, 1980 | 55.10 | Mar. 31, 1980 | 115.30 | Well AX 58-04-502 Owner: Salado I. S. D. | |
| June 30, 1980 | 54.94 | May 6, 1980 | 116.55 | Sept. 13, 1978 | 48.75 |
| Aug. 18, 1980 | 58.16 | June 10, 1980 | 114.79 | Oct. 3, 1978 | 48.81 |
| Sept. 2, 1980 | 56.50 | June 30, 1980 | 115.19 | Nov. 1, 1978 | 49.49 |
| Oct. 14, 1980 | 63.55 | Aug. 18, 1980 | 116.65 | Dec. 4, 1978 | 48.52 |
| Nov. 7, 1981 | 56.60 | Sept. 2, 1980 | 115.54 | Jan. 8, 1979 | 48.43 |
| Dec. 2, 1980 | 57.10 | Oct. 14, 1980 | 115.59 | Feb. 12, 1979 | 47.12 |
| Jan. 7, 1981 | 56.82 | Nov. 7, 1980 | 116.14 | | |
| | | Dec. 2, 1980 | 115.24 | | |

Table 4.—Water Levels in Selected Wells—Continued

Bell County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|---|-------------|---|-------------|--|-------------|
| Well AX-58-04-502—Continued | | Well AX 58-04-504 Owner: William Grigsby | | Well AX 58-04-611 Owner: L. B. Everett | |
| Feb. 27, 1979 | 47.53 | July 12, 1978 | 83.89 | July 8, 1978 | 42.48 |
| Apr. 4, 1979 | 45.79 | Feb. 26, 1980 | 82.20 | Feb. 25, 1980 | 42.33 |
| May 8, 1979 | 46.38 | Jan. 20, 1981 | 82.41 | Jan. 20, 1981 | 40.70 |
| June 7, 1979 | 45.62 | Well AX 58-04-506 Owner: C. B. Hodge | | Well AX 58-04-612 Owner: Marvin Larsen | |
| July 9, 1979 | 46.52 | Oct. 3, 1978 | 82.75 | July 12, 1978 | 24.08 |
| Aug. 2, 1979 | 47.25 | Nov. 1, 1978 | 87.44 | Feb. 25, 1980 | 21.10 |
| Sept. 5, 1979 | 47.78 | Dec. 4, 1978 | 90.53 | Jan. 20, 1981 | 19.15 |
| Oct. 1, 1979 | 48.06 | Jan. 8, 1979 | 88.13 | Well AX 58-04-615 Owner: Doc Benedict | |
| Nov. 1, 1979 | 48.23 | Feb. 12, 1979 | 83.10 | July 26, 1978 | 14.99 |
| Dec. 3, 1979 | 51.16 | Apr. 5, 1979 | 72.55 | Feb. 25, 1980 | 11.30 |
| Jan. 2, 1980 | 48.07 | May 8, 1979 | 78.98 | Jan. 20, 1981 | 10.38 |
| Feb. 6, 1980 | 48.17 | July 9, 1979 | 73.04 | Well AX 58-04-618 Owner: Dr. Clyde Goodnight | |
| Mar. 3, 1980 | 48.14 | Sept. 5, 1979 | 75.34 | July 10, 1978 | 55.56 |
| Mar. 31, 1980 | 48.18 | Nov. 1, 1979 | 74.50 | Feb. 25, 1980 | 44.06 |
| May 6, 1980 | 48.26 | Jan. 2, 1980 | 80.67 | Jan. 20, 1981 | 44.30 |
| June 10, 1980 | 48.77 | Feb. 6, 1980 | 78.99 | Well AX 58-04-620 Owner: State of Texas | |
| June 30, 1980 | 49.21 | June 30, 1980 | 79.68 | Sept. 15, 1980 | 101.57 |
| Aug. 18, 1980 | 50.63 | Aug. 19, 1980 | 78.32 | Sept. 20, 1980 | 101.71 |
| Sept. 2, 1980 | 53.14 | Oct. 14, 1980 | 79.12 | Sept. 25, 1980 | 101.80 |
| Oct. 14, 1980 | 49.95 | Jan. 21, 1981 | 78.40 | Sept. 30, 1980 | 101.84 |
| Nov. 7, 1980 | 49.60 | Well AX 58-04-607 Owner: Dean Clemons | | Oct. 5, 1980 | 102.01 |
| Dec. 2, 1980 | 48.84 | July 12, 1978 | 63.79 | Oct. 10, 1980 | 102.30 |
| Jan. 20, 1981 | 48.92 | Feb. 22, 1980 | 54.56 | Oct. 15, 1980 | 102.37 |
| Mar. 10, 1981 | 48.10 | Jan. 20, 1981 | 55.32 | Oct. 20, 1980 | 102.50 |
| Apr. 7, 1981 | 48.74 | Well AX 58-04-608 Owner: Mrs. Harvey Copeland | | Oct. 25, 1980 | 102.64 |
| May 7, 1981 | 49.44 | July 9, 1978 | 49.14 | Oct. 30, 1980 | 102.81 |
| Well AX 58-04-503 Owner: Don Holmes | | Feb. 22, 1980 | 38.01 | Nov. 5, 1980 | 102.91 |
| July 25, 1978 | 45.34 | Jan. 20, 1981 | 39.07 | | |
| Feb. 26, 1980 | 44.97 | | | | |
| Jan. 20, 1981 | 49.30 | | | | |

Table 4.—Water Levels in Selected Wells—Continued

Bell County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|---|-------------|--|-------------|------------------------------------|-------------|
| Well AX-58-04-620—Continued | | Well AX-58-04-702—Continued | | Well AX-58-04-801—Continued | |
| Nov. 10, 1980 | 103.20 | Mar. 10, 1981 | 73.35 | Feb. 8, 1972 | 144.50 |
| Nov. 15, 1980 | 103.21 | Apr. 7, 1981 | 73.02 | Mar. 9, 1972 | 144.70 |
| Nov. 20, 1980 | 103.17 | May 7, 1981 | 72.67 | Apr. 7, 1972 | 144.72 |
| Nov. 25, 1980 | 103.22 | | | May 5, 1972 | 144.30 |
| Nov. 30, 1980 | 103.30 | Well AX 58-04-801 Owner: --Killingsworth | | June 2, 1972 | 144.35 |
| Dec. 5, 1980 | 103.15 | Mar. 11, 1966 | 134.93 | July 11, 1972 | 142.25 |
| Dec. 10, 1980 | 103.00 | Apr. 17, 1967 | 139.50 | Aug. 8, 1972 | 139.20 |
| Jan. 20, 1981 | 103.37 | Mar. 17, 1969 | 136.84 | Sept. 12, 1972 | 139.30 |
| Jan. 25, 1981 | 103.42 | Nov. 26, 1969 | 142.50 | Oct. 3, 1972 | 139.64 |
| Jan. 30, 1981 | 103.46 | Dec. 23, 1969 | 142.80 | Nov. 7, 1972 | 139.50 |
| Feb. 5, 1981 | 103.53 | Jan. 27, 1970 | 140.70 | Dec. 5, 1972 | 139.10 |
| Feb. 10, 1981 | 103.19 | Mar. 4, 1970 | 137.30 | Jan. 9, 1973 | 137.60 |
| Feb. 15, 1981 | 102.97 | May 6, 1970 | 137.50 | Feb. 5, 1973 | 136.24 |
| Feb. 20, 1981 | 102.89 | June 1, 1970 | 135.15 | Mar. 19, 1973 | 139.60 |
| Feb. 25, 1981 | 102.97 | July 6, 1970 | 138.60 | Apr. 10, 1973 | 139.51 |
| Mar. 5, 1981 | 102.63 | Aug. 6, 1970 | 144.50 | May 8, 1973 | 136.50 |
| Mar. 10, 1981 | 102.09 | Sept. 3, 1970 | 135.00 | June 5, 1973 | 136.20 |
| Mar. 15, 1981 | 101.42 | Oct. 2, 1970 | 134.40 | July 5, 1973 | 135.00 |
| Mar. 20, 1981 | 101.12 | Nov. 3, 1970 | 134.10 | Aug. 7, 1973 | 135.10 |
| Mar. 25, 1981 | 101.20 | Dec. 8, 1970 | 135.20 | Sept. 11, 1973 | 135.76 |
| Mar. 30, 1981 | 101.12 | Jan. 8, 1971 | 135.10 | Oct. 11, 1973 | 135.70 |
| Apr. 1, 1981 | 101.05 | Feb. 4, 1971 | 138.40 | Nov. 2, 1973 | 135.03 |
| | | Mar. 12, 1971 | 145.10 | Dec. 4, 1973 | 135.00 |
| | | Apr. 8, 1971 | 138.80 | Jan. 8, 1974 | 135.02 |
| | | May 11, 1971 | 145.50 | Mar. 11, 1974 | 136.10 |
| | | June 8, 1971 | 138.70 | Apr. 25, 1975 | 134.46 |
| | | July 9, 1971 | 141.50 | Mar. 15, 1976 | 138.35 |
| | | Aug. 3, 1971 | 142.60 | Mar. 10, 1977 | 134.36 |
| | | Sept. 3, 1971 | 142.55 | Mar. 15, 1978 | 139.72 |
| | | Oct. 5, 1971 | 142.50 | Sept. 13, 1978 | 143.56 |
| | | Dec. 3, 1971 | 141.10 | Oct. 3, 1978 | 145.51 |
| | | Jan. 7, 1972 | 144.90 | Nov. 1, 1978 | 139.72 |
| Well AX 58-04-702 Owner: State of Texas | | | | | |
| Aug. 19, 1980 | 72.72 | | | | |
| Sept. 2, 1980 | 71.89 | | | | |
| Oct. 14, 1980 | 73.99 | | | | |
| Nov. 7, 1980 | 71.42 | | | | |
| Dec. 2, 1980 | 78.15 | | | | |
| Jan. 7, 1981 | 72.95 | | | | |
| Jan. 20, 1981 | 72.88 | | | | |

Table 4.—Water Levels in Selected Wells—Continued

Bell County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|--|-------------|--|-------------|
| Well AX-58-04-801—Continued | | Well AX 58-04-802 | | Well AX-58-04-802—Continued | |
| Dec. 4, 1978 | 144.68 | Owner: State Dept. of Highways and Public Transportation | | Jan. 7, 1981 | 106.12 |
| Jan. 8, 1979 | 139.66 | Sept. 13, 1978 | 102.93 | Jan. 20, 1981 | 101.71 |
| Feb. 27, 1979 | 143.73 | Nov. 1, 1978 | 104.22 | Mar. 10, 1981 | 101.18 |
| Apr. 5, 1979 | 141.20 | Dec. 4, 1978 | 102.74 | May 7, 1981 | 101.82 |
| May 8, 1979 | 145.45 | Jan. 8, 1979 | 102.44 | Well AX 58-04-803 | |
| June 7, 1979 | 143.95 | Feb. 12, 1979 | 99.84 | Owner: State Dept. of Highways and Public Transportation | |
| July 9, 1979 | 135.94 | Feb. 27, 1979 | 102.19 | Sept. 13, 1978 | 118.56 |
| Aug. 2, 1979 | 133.61 | Apr. 5, 1979 | 102.95 | Oct. 3, 1978 | 119.10 |
| Sept. 5, 1979 | 138.54 | May 8, 1979 | 98.48 | Nov. 1, 1978 | 120.85 |
| Nov. 1, 1979 | 141.32 | June 7, 1979 | 101.90 | Dec. 4, 1978 | 114.79 |
| Dec. 3, 1979 | 137.39 | July 9, 1979 | 96.62 | Jan. 8, 1979 | 118.59 |
| Jan. 2, 1980 | 141.97 | Aug. 2, 1979 | 97.24 | Feb. 12, 1979 | 116.46 |
| Feb. 6, 1980 | 137.86 | Sept. 5, 1979 | 101.15 | Feb. 27, 1979 | 116.45 |
| Mar. 3, 1980 | 143.30 | Oct. 1, 1979 | 105.30 | Apr. 5, 1979 | 114.82 |
| Mar. 31, 1980 | 139.25 | Nov. 1, 1979 | 102.20 | May 8, 1979 | 113.70 |
| May 6, 1980 | 144.42 | Dec. 4, 1979 | 100.26 | June 7, 1979 | 116.80 |
| June 10, 1980 | 136.98 | Jan. 2, 1980 | 100.60 | July 9, 1979 | 112.45 |
| June 30, 1980 | 144.25 | Feb. 6, 1980 | 100.82 | Aug. 2, 1979 | 113.23 |
| Aug. 18, 1980 | 148.26 | Mar. 3, 1980 | 104.40 | Sept. 5, 1979 | 114.77 |
| Sept. 2, 1980 | 146.09 | Mar. 31, 1980 | 100.50 | Oct. 1, 1979 | 119.62 |
| Oct. 14, 1980 | 145.99 | May 6, 1980 | 103.86 | Nov. 1, 1979 | 116.03 |
| Nov. 7, 1980 | 148.40 | June 30, 1980 | 108.15 | Dec. 3, 1979 | 116.98 |
| Dec. 2, 1980 | 147.35 | Aug. 18, 1980 | 107.30 | Jan. 2, 1980 | 116.70 |
| Jan. 7, 1981 | 147.94 | Sept. 2, 1980 | 107.28 | Feb. 6, 1980 | 118.34 |
| Jan. 20, 1981 | 138.09 | Oct. 14, 1980 | 106.15 | Mar. 3, 1980 | 116.57 |
| Mar. 10, 1981 | 149.85 | Nov. 7, 1980 | 107.20 | Mar. 31, 1980 | 116.40 |
| Apr. 7, 1981 | 139.08 | Dec. 2, 1980 | 103.65 | May 6, 1980 | 115.87 |
| May 7, 1981 | 140.79 | | | | |

Table 4.—Water Levels in Selected Wells—Continued

Bell County—Continued

| Date | Water level | Date | Water level | Date | Water level |
|------------------------------------|-------------|---|-------------|--|-------------|
| Well AX-58-04-803—Continued | | Well AX-58-04-803—Continued | | Well AX 58-04-806 Owner: H. F. Nash | |
| June 30, 1980 | 116.54 | Mar. 10, 1981 | 117.37 | July 8, 1978 | 155.20 |
| Aug. 18, 1980 | 117.25 | Apr. 7, 1981 | 116.50 | Feb. 26, 1980 | 152.05 |
| Sept. 2, 1980 | 118.46 | May 7, 1981 | 115.94 | Jan. 21, 1981 | 152.44 |
| Oct. 14, 1980 | 117.58 | | | | |
| Nov. 7, 1980 | 117.59 | Well AX 58-04-805 Owner: Tom Gidley | | Well AX 58-04-807 Owner: Allen D. Mosley | |
| Dec. 2, 1980 | 117.65 | July 12, 1978 | 105.44 | July 7, 1978 | 146.05 |
| Jan. 7, 1981 | 118.38 | Feb. 26, 1980 | 102.04 | Feb. 27, 1980 | 142.83 |
| Jan. 20, 1981 | 117.61 | Jan. 21, 1981 | 103.45 | Jan. 21, 1981 | 144.38 |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties

| Hays County | | | | | | | | | | |
|---------------|----------------|------|---|-----------------------------|--------------------------------|---|------------------------------|------------|---------------------|--------------------------|
| WELL | DATE OF SAMPLE | TIME | PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) | DEPTH OF WELL, TOTAL (FEET) | FLOW RATE, INSTANTANEOUS (GPM) | DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) | SPECIFIC CONDUCTANCE (UMHOS) | PH (UNITS) | TEMPERATURE (DEG C) | OXYGEN, DISSOLVED (MG/L) |
| LR-58-49-801 | July 11, 1978 | 0810 | 30 | 100 | 15 | 38.00 | 660 | 6.7 | 21.5 | 4.8 |
| | July 5, 1979 | 1225 | 20 | 100 | 15 | 36.00 | 650 | 7.0 | 21.5 | -- |
| | Aug. 29, 1980 | 1300 | 20 | -- | 15 | 37.75 | 655 | 7.1 | 21.0 | -- |
| | Aug. 19, 1981 | 0850 | 20 | 100 | 15 | 37.50 | 663 | 7.1 | 21.5 | -- |
| 903 | July 11, 1978 | 1310 | 20 | -- | 10 | 92.00 | 700 | 6.8 | 24.5 | 1.0 |
| | July 5, 1979 | 0845 | 20 | 200 | 10 | -- | 630 | 6.9 | 22.5 | -- |
| | Sept. 4, 1980 | 1306 | 20 | -- | 10 | -- | 680 | 7.1 | 21.0 | -- |
| | Aug. 18, 1981 | 0830 | 30 | 200 | 10 | -- | 583 | 7.1 | 23.0 | -- |
| 57-101 | July 11, 1978 | 1125 | 30 | 217 | -- | 67.90 | 640 | 6.5 | 21.5 | 9.2 |
| | July 9, 1979 | 0900 | 20 | 125 | -- | 56.45 | 619 | 7.2 | 20.5 | -- |
| | Aug. 29, 1980 | 1120 | 20 | 125 | 15 | 63.20 | 631 | 7.5 | 22.0 | -- |
| | Aug. 12, 1981 | 0950 | 15 | 125 | 15 | 56.00 | 624 | 7.2 | 23.0 | -- |
| 202 | July 12, 1978 | 0805 | 30 | 200 | 15 | 27.00 | 660 | 7.0 | 22.5 | .6 |
| | July 9, 1979 | 0950 | 20 | 200 | 15 | -- | 670 | 7.2 | 23.0 | -- |
| | Aug. 29, 1980 | 1030 | 60 | 200 | 15 | 43.94 | 666 | 7.9 | 22.5 | -- |
| | Aug. 12, 1981 | 0905 | 15 | 200 | 15 | 27.60 | 650 | 7.2 | 23.0 | -- |
| 303 | July 17, 1978 | 0820 | 30 | 315 | -- | 242.00 | 580 | 7.0 | 23.0 | 8.8 |
| | July 9, 1979 | 1215 | 20 | -- | -- | -- | 580 | 6.9 | 23.0 | -- |
| | Aug. 29, 1980 | 0930 | 20 | 315 | 15 | -- | 592 | 7.7 | 23.0 | -- |
| | Aug. 18, 1981 | 0920 | 20 | 315 | 15 | -- | 576 | 7.1 | 23.0 | -- |
| 402 | July 18, 1978 | 1400 | 25 | 380 | -- | 95.25 | 560 | 6.9 | 26.0 | -- |
| | July 9, 1979 | 0805 | 20 | 380 | -- | 95.00 | 560 | 7.2 | 22.5 | -- |
| | Sept. 4, 1980 | 1118 | 20 | -- | -- | 97.00 | 543 | 7.3 | 23.5 | -- |
| | Aug. 18, 1981 | 1210 | 30 | 380 | -- | 93.00 | 596 | 7.2 | 24.0 | -- |
| 502 | July 12, 1978 | 1300 | 30 | 385 | 15 | 214.00 | 540 | 6.7 | 23.0 | 5.3 |
| | July 9, 1979 | 1045 | 60 | 385 | -- | 176.40 | 580 | 6.8 | 22.5 | -- |
| | Sept. 4, 1980 | 1030 | 20 | -- | -- | 183.20 | 562 | 7.1 | 24.0 | -- |
| | Aug. 18, 1981 | 1110 | 30 | 385 | -- | 173.20 | 575 | 7.1 | 23.5 | -- |
| 901 | July 12, 1978 | 0935 | -- | -- | 104 | -- | 486 | 7.2 | 23.5 | 4.3 |
| | July 11, 1979 | 0820 | 60 | 575 | -- | -- | 480 | 6.9 | 23.0 | -- |
| | Sept. 4, 1980 | 1154 | -- | -- | -- | 234.20 | 487 | 7.3 | 24.5 | -- |
| | Aug. 12, 1981 | 1340 | 60 | 575 | -- | -- | 482 | 7.3 | 25.0 | -- |
| 58-105 | Aug. 8, 1978 | 1030 | 30 | 477 | -- | -- | 480 | 7.2 | 23.5 | 3.9 |
| | July 11, 1979 | 1225 | 20 | 477 | -- | -- | 499 | 6.9 | 22.0 | -- |
| | Aug. 29, 1980 | 0850 | 60 | 477 | 15 | -- | 496 | 7.6 | 23.5 | -- |
| | Aug. 18, 1981 | 1020 | 30 | 477 | 15 | -- | 499 | 7.3 | 23.0 | -- |
| 106 | July 18, 1979 | 1030 | 30 | 450 | -- | 165.00 | 570 | 7.1 | 23.0 | -- |
| 403 | July 12, 1978 | 1045 | -- | 390 | -- | -- | 580 | 7.1 | 23.0 | 3.8 |
| | Aug. 29, 1980 | 0815 | 60 | 390 | -- | 124.30 | 578 | 7.6 | 22.0 | 3.9 |
| | Aug. 12, 1981 | 0810 | 45 | 390 | -- | 81.70 | 568 | 7.3 | 23.0 | -- |
| 407 | July 17, 1978 | 1100 | -- | 634 | -- | -- | 550 | 6.8 | 24.5 | .4 |
| | July 11, 1979 | 0730 | 20 | 634 | -- | -- | 650 | 6.8 | 24.0 | -- |
| | Sept. 4, 1980 | 0805 | -- | -- | -- | -- | 621 | 7.1 | 25.0 | -- |
| 704 | Aug. 12, 1981 | 1320 | 60 | 634 | -- | -- | 640 | 7.3 | 26.0 | -- |
| | July 24, 1978 | 1015 | -- | 532 | 25 | 169.00 | 1040 | 7.3 | 24.0 | .4 |
| | July 11, 1979 | 0950 | 20 | 532 | 25 | 127.80 | 1060 | 7.0 | 23.0 | -- |
| | Sept. 4, 1980 | 0900 | 20 | -- | 15 | 158.60 | 1030 | 7.5 | 24.5 | -- |
| Aug. 12, 1981 | 1230 | 10 | 532 | 15 | 155.60 | 996 | 7.8 | 25.5 | -- | |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

Hays County--Continued

| WELL | DATE OF SAMPLE | METHYL TRI-THION. TOTAL (UG/L) | MIREX. TOTAL (UG/L) | PCB, TOTAL (UG/L) | NAPH-THA-LENES POLY-CHLOR. TOTAL (UG/L) | PER-THANE TOTAL (UG/L) | SILVEX. TOTAL (UG/L) | TOX-APHENE TOTAL (UG/L) | 2,4-D. TOTAL (UG/L) | 2,4,5-T TOTAL (UG/L) |
|--------------|----------------|--------------------------------|---------------------|-------------------|---|------------------------|----------------------|-------------------------|---------------------|----------------------|
| LR-58-49-801 | July 11, 1978 | .00 | .00 | .00 | .00 | -- | .00 | 0 | .00 | .00 |
| | Aug. 19, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | 0 | .00 | .00 |
| 57-202 | Aug. 12, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | 0 | .00 | .00 |
| 502 | July 12, 1978 | .00 | .00 | .00 | .00 | -- | .00 | 0 | .00 | .00 |
| | Aug. 18, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | 0 | .00 | .00 |
| 58-403 | Aug. 12, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | 0 | .00 | .00 |
| 704 | July 24, 1978 | .00 | .00 | .00 | .00 | -- | .00 | 0 | .00 | .00 |
| | Aug. 12, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | 0 | .00 | .00 |

| WELL | DATE OF SAMPLE | TIME | GROSS ALPHA DIS-SOLVED (PCI/L AS U-NAT) | GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) | GROSS ALPHA DIS-SOLVED (UG/L AS U-NAT) | GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT) | GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) | GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137) | GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90) | GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90) |
|--------|----------------|------|---|---|--|--|--|---|--|---|
| 49-801 | Aug. 29, 1980 | 1300 | -- | -- | <3.5 | <.3 | <3.0 | <.4 | <2.8 | <.4 |
| 57-202 | Aug. 29, 1980 | 1030 | <3.5 | <.3 | <5.1 | <.4 | <2.7 | <.4 | <2.5 | <.4 |
| 502 | Sept. 4, 1980 | 1030 | <3.3 | <.3 | <4.9 | <.4 | <2.3 | <.4 | <2.2 | <.4 |
| 58-403 | Aug. 29, 1980 | 0815 | 10 | <.3 | 15 | <.4 | <2.4 | <.4 | <2.2 | <.4 |
| 704 | Sept. 4, 1980 | 0900 | <8.2 | <.3 | <12 | <.4 | 11 | <.4 | 10 | <.4 |

| WELL | DATE OF SAMPLE | RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L) | URANIUM DIS-SOLVED, EXTRACTION (UG/L) |
|--------|----------------|--|---------------------------------------|
| 49-801 | Aug. 29, 1980 | .24 | .62 |
| 57-202 | Aug. 29, 1980 | .27 | .55 |
| 502 | Sept. 4, 1980 | .26 | 1.4 |
| 58-403 | Aug. 29, 1980 | .56 | .85 |
| 704 | Sept. 4, 1980 | 1.3 | .04 |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Hays County--Continued</u> | | | | | | | | | | | |
|-------------------------------|----------------------|--|---|---|--|---|--|--|--|---|--|
| WELL | DATE OF SAMPLE | COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) | COLI- FORM, FECAL, 0.7 UM-F (COLS./ 100 ML) | STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) | HARD- NESS (MG/L AS CACO3) | HARD- NESS NONCAR- BONATE (MG/L CACO3) | CALCIUM DIS- SOLVED (MG/L AS CA) | MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) | SODIUM, DIS- SOLVED (MG/L AS NA) | SODIUM AD- SORP- TION RATIO | |
| LR-58-49-801 | July 11, 1978 | 23 | <1 | <1 | 370 | 47 | 94 | 32 | 5.9 | .1 | |
| | July 5, 1979 | 64 | 1 | <1 | 330 | 20 | 100 | 21 | 6.4 | .2 | |
| | Aug. 29, 1980 | 65 | 3 | 2 | 360 | 42 | 94 | 31 | 5.1 | .1 | |
| | Aug. 19, 1981 | 780 | 330 | 620 | 360 | 31 | 100 | 27 | 5.9 | .1 | |
| 903 | July 11, 1978 | <1 | <1 | <1 | -- | -- | -- | -- | -- | -- | |
| | July 5, 1979 | 460 | 72 | <1 | 330 | 0 | 100 | 19 | 5.6 | .1 | |
| | Sept. 4, 1980 | 33 | <1 | <1 | 330 | 4 | 100 | 20 | 5.5 | .1 | |
| | Aug. 18, 1981 | K5 | K2 | 21 | 320 | 10 | 97 | 19 | 5.7 | .1 | |
| 57-101 | July 11, 1978 | 7100 | 10 | 32 | 350 | 42 | 89 | 32 | 7.8 | .2 | |
| | July 9, 1979 | 23000 | 3 | 45 | 320 | 4 | 95 | 19 | 5.7 | .1 | |
| | Aug. 29, 1980 | 1700 | 50 | K15 | 340 | 23 | 88 | 28 | 5.9 | .1 | |
| | Aug. 12, 1981 | 4400 | <1 | 130 | 330 | 13 | 92 | 25 | 8.1 | .2 | |
| 202 | July 12, 1978 | 2 | <1 | <1 | -- | -- | -- | -- | -- | -- | |
| | July 9, 1979 | 2 | <1 | <1 | 350 | 16 | 80 | 37 | 6.4 | .2 | |
| | Aug. 29, 1980 | K8 | <1 | K1 | 340 | 4 | 78 | 36 | 5.5 | .1 | |
| | Aug. 12, 1981 | <1 | <1 | K3 | 350 | 7 | 78 | 37 | 6.6 | .2 | |
| 303 | July 17, 1978 | <1 | <1 | 9 | -- | -- | -- | -- | -- | -- | |
| | July 9, 1979 | <1 | <1 | <1 | 310 | 11 | 78 | 27 | 5.7 | .1 | |
| | Aug. 29, 1980 | <1 | <1 | <1 | 300 | 5 | 89 | 19 | 12 | .3 | |
| | Aug. 18, 1981 | K4 | <1 | 77 | 300 | 4 | 79 | 26 | 7.0 | .2 | |
| 402 | July 18, 1978 | <1 | <1 | <1 | -- | -- | -- | -- | -- | -- | |
| | July 9, 1979 | 110 | <1 | 4 | 300 | 8 | 59 | 36 | 5.7 | .2 | |
| | Sept. 4, 1980 | <1 | <1 | <1 | 290 | 14 | 58 | 36 | 6.2 | .2 | |
| | Aug. 18, 1981 | K10 | <1 | K6 | 310 | 15 | 58 | 31 | 6.8 | .2 | |
| 502 | July 12, 1978 | 1 | <1 | 2 | 290 | 39 | 68 | 30 | 5.8 | .1 | |
| | July 9, 1979 | 230 | <1 | 1 | 310 | 45 | 90 | 20 | 6.2 | .2 | |
| | Sept. 4, 1980 | 38 | <1 | <1 | 290 | 12 | 72 | 27 | 6.2 | .2 | |
| | Aug. 18, 1981 | K3 | <1 | K3 | 310 | 30 | 96 | 17 | 5.7 | .1 | |
| 901 | July 12, 1978 | <1 | <1 | 3 | -- | -- | -- | -- | -- | -- | |
| | July 11, 1979 | <1 | <1 | <1 | 220 | 42 | 48 | 25 | 4.8 | .1 | |
| | Sept. 4, 1980 | <1 | <1 | K1 | 250 | 5 | 56 | 27 | 5.4 | .1 | |
| | Aug. 12, 1981 | K3 | <1 | K160 | 250 | 9 | 55 | 27 | 5.5 | .2 | |
| 58-105 | Aug. 8, 1978 | 1000 | 5 | 860 | 240 | 7 | 60 | 23 | 6.5 | .2 | |
| | July 11, 1979 | 600 | <1 | 1 | 240 | 23 | 60 | 23 | 6.4 | .2 | |
| | Aug. 29, 1980 | 2600 | K6 | 390 | 240 | 16 | 59 | 22 | 6.4 | .2 | |
| | Aug. 18, 1981 | 300 | <1 | 100 | 250 | 10 | 62 | 23 | 6.8 | .2 | |
| 106 | July 18, 1979 | <1 | <1 | <1 | 290 | 33 | 69 | 28 | 6.3 | .2 | |
| 403 | July 12, 1978 | <1 | <1 | <1 | -- | -- | -- | -- | -- | -- | |
| | Aug. 29, 1980 | K44 | <0 | K14 | 290 | 19 | 73 | 26 | 6.4 | .2 | |
| | Aug. 12, 1981 | <1 | <1 | K11 | 290 | 8 | 74 | 25 | 5.9 | .2 | |
| 407 | July 17, 1978 | 2 | <1 | <1 | 300 | 37 | 69 | 31 | 5.0 | .1 | |
| | July 11, 1979 | <1 | <1 | <1 | 310 | 50 | 74 | 31 | 5.8 | .1 | |
| | Sept. 4, 1980 | K4 | <1 | <1 | 310 | 44 | 70 | 32 | 6.8 | .2 | |
| | Aug. 12, 1981 | K16 | <1 | K150 | 300 | 39 | 67 | 32 | 7.1 | .2 | |
| 704 | July 24, 1978 | <1 | <1 | <1 | 330 | 93 | 65 | 41 | 93 | 2.2 | |
| | July 11, 1979 | <1 | <1 | <1 | 280 | 46 | 51 | 36 | 82 | 2.1 | |
| | Sept. 4, 1980 | <1 | <1 | <1 | 310 | 73 | 61 | 39 | 99 | 2.4 | |
| | Aug. 12, 1981 | <1 | <1 | <1 | 300 | 74 | 59 | 38 | 92 | 2.6 | |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| Hays County--Continued | | | | | | | |
|------------------------|----------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|---------------------------------|--|
| WELL | DATE OF SAMPLE | NITRO-GEN, NITRITE TOTAL (MG/L AS N) | NITRO-GEN, AMMONIA TOTAL (MG/L AS N) | NITRO-GEN, ORGANIC TOTAL (MG/L AS N) | PHOS-PHORUS, TOTAL (MG/L AS P) | TRITIUM IN WATER MOLECULES (TU) | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) |
| LR-58-49-801 | July 11, 1978 | <.010 | <.010 | .25 | <.010 | 13.0 | -- |
| | July 5, 1979 | <.010 | .010 | .00 | .000 | -- | -- |
| | Aug. 29, 1980 | .000 | .000 | .38 | .040 | -- | -- |
| | Aug. 19, 1981 | .000 | .090 | .46 | <.010 | -- | -- |
| 903 | July 11, 1978 | <.010 | <.010 | .38 | .010 | -- | -- |
| | July 5, 1979 | .020 | <.010 | .08 | <.010 | -- | .00 |
| | Sept. 4, 1980 | .010 | .040 | .39 | .020 | -- | -- |
| | Aug. 18, 1981 | .000 | .040 | .23 | <.010 | -- | -- |
| 57-101 | July 11, 1978 | <.010 | <.010 | .25 | <.010 | -- | -- |
| | July 9, 1979 | <.010 | <.010 | .00 | .010 | -- | .00 |
| | Aug. 29, 1980 | .000 | .020 | .43 | .000 | -- | -- |
| | Aug. 12, 1981 | .000 | .110 | .49 | .010 | -- | -- |
| 202 | July 12, 1978 | <.010 | <.010 | .28 | <.010 | -- | -- |
| | July 9, 1979 | <.010 | .010 | .00 | <.010 | -- | .00 |
| | Aug. 29, 1980 | .000 | .000 | .60 | .000 | -- | -- |
| | Aug. 12, 1981 | .000 | .060 | .51 | .000 | -- | -- |
| 303 | July 17, 1978 | <.010 | <.010 | .17 | .010 | -- | -- |
| | July 9, 1979 | <.010 | <.010 | .00 | .050 | -- | .00 |
| | Aug. 29, 1980 | .000 | .020 | .69 | .010 | -- | -- |
| | Aug. 18, 1981 | .000 | .050 | .38 | .010 | -- | -- |
| 402 | July 18, 1978 | <.010 | <.010 | .22 | <.010 | -- | -- |
| | July 9, 1979 | <.010 | .010 | .00 | <.010 | -- | .00 |
| | Sept. 4, 1980 | .010 | .020 | .32 | .010 | -- | -- |
| | Aug. 18, 1981 | .000 | .050 | .20 | <.010 | -- | -- |
| 502 | July 12, 1978 | <.010 | <.010 | .31 | <.010 | 6.2 | -- |
| | July 9, 1979 | <.010 | .010 | .00 | <.010 | -- | .10 |
| | Sept. 4, 1980 | .000 | .000 | .92 | .010 | -- | -- |
| | Aug. 18, 1981 | .000 | .060 | 1.6 | .010 | -- | -- |
| 901 | July 12, 1978 | .010 | <.010 | .32 | <.010 | -- | -- |
| | July 11, 1979 | .020 | .010 | .08 | <.010 | -- | -- |
| | Sept. 4, 1980 | .000 | .000 | .76 | .010 | -- | -- |
| | Aug. 12, 1981 | .000 | .090 | .87 | .010 | -- | -- |
| 58-105 | Aug. 8, 1978 | .010 | <.010 | .13 | <.010 | -- | -- |
| | July 11, 1979 | <.010 | .040 | .01 | .010 | -- | .00 |
| | Aug. 29, 1980 | .000 | .020 | 1.4 | .010 | -- | -- |
| | Aug. 18, 1981 | .000 | .040 | .63 | .010 | -- | -- |
| 106 | July 18, 1979 | .020 | <.010 | .03 | .040 | -- | .00 |
| 403 | July 12, 1978 | <.010 | <.010 | .56 | <.010 | -- | -- |
| | Aug. 29, 1980 | .000 | .000 | .55 | .010 | -- | -- |
| | Aug. 12, 1981 | .000 | .060 | .88 | .010 | -- | -- |
| 407 | July 17, 1978 | .010 | <.010 | .52 | <.010 | -- | -- |
| | July 11, 1979 | .020 | .040 | .00 | .010 | -- | .00 |
| | Sept. 4, 1980 | .000 | .000 | .53 | .020 | -- | -- |
| | Aug. 12, 1981 | .000 | .100 | .27 | .010 | -- | -- |
| 704 | July 24, 1978 | <.010 | .200 | .33 | <.010 | .0 | -- |
| | July 11, 1979 | <.010 | .530 | .08 | .010 | -- | .00 |
| | Sept. 4, 1980 | .010 | .490 | .47 | .000 | -- | -- |
| | Aug. 12, 1981 | .000 | .580 | .52 | .000 | -- | -- |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| Hays County--Continued | | | | | | | | | | | |
|------------------------|----------------|---|---|---|---|---|--|---|---|--|--|
| WELL | DATE OF SAMPLE | POTAS- SIUM, DIS- SOLVED (MG/L AS K) | BICAR- BONATE FET-FLD (MG/L AS HCO3) | CAR- BONATE FET-FLD (MG/L AS CO3) | SULFATE DIS- SOLVED (MG/L AS SO4) | CHLO- RIDE, DIS- SOLVED (MG/L AS CL) | FLUO- RIDE, DIS- SOLVED (MG/L AS F) | SILICA, DIS- SOLVED (MG/L AS SiO2) | SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) | NITRO- GEN, NITRATE TOTAL (MG/L AS N) | |
| LR-58-49-801 | July 11, 1978 | 1.8 | 390 | 0 | 37 | 11 | .3 | 13 | 388 | 1.1 | |
| | July 5, 1979 | 1.7 | 380 | 0 | 30 | 12 | .3 | 10 | 368 | 1.2 | |
| | Aug. 29, 1980 | 1.6 | 390 | 0 | 39 | 12 | .4 | 11 | 386 | .93 | |
| | Aug. 19, 1981 | 1.5 | -- | -- | 24 | 11 | .3 | 12 | 379 | .93 | |
| 903 | July 11, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | .02 | |
| | July 5, 1979 | .5 | 400 | 0 | 7.2 | 8.8 | .2 | 12 | 350 | .32 | |
| | Sept. 4, 1980 | .6 | 400 | 0 | 35 | 9.2 | .2 | 11 | 379 | .53 | |
| | Aug. 18, 1981 | .6 | -- | -- | <1.0 | 8.9 | .1 | 1, | 331 | .45 | |
| 57-101 | July 11, 1978 | 2.4 | 380 | 0 | 28 | 14 | .4 | 15 | 376 | .02 | |
| | July 9, 1979 | 1.5 | 380 | 0 | 26 | 9.4 | .3 | 11 | 355 | .08 | |
| | Aug. 29, 1980 | 1.9 | 380 | 0 | 23 | 13 | .4 | 12 | 359 | .00 | |
| | Aug. 12, 1981 | 3.0 | -- | -- | 22 | 11 | .3 | 15 | 369 | .00 | |
| 202 | July 12, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | .76 | |
| | July 9, 1979 | 1.6 | 410 | 0 | 19 | 13 | .3 | 12 | 371 | 1.0 | |
| | Aug. 29, 1980 | 1.3 | 410 | 0 | 14 | 12 | .3 | 13 | 362 | .04 | |
| | Aug. 12, 1981 | 1.7 | -- | -- | 1.0 | 16 | .3 | 13 | 358 | .73 | |
| 303 | July 17, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | 1.9 | |
| | July 9, 1979 | .9 | 360 | 0 | 12 | 11 | .2 | 11 | 323 | 1.3 | |
| | Aug. 29, 1980 | .6 | 360 | 0 | 3.1 | 13 | .2 | 6.4 | 321 | 1.3 | |
| | Aug. 18, 1981 | .8 | -- | -- | <1.0 | 14 | .1 | 13 | 321 | 1.2 | |
| 402 | July 18, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | .02 | |
| | July 9, 1979 | 2.2 | 350 | 0 | 24 | 9.1 | .4 | 12 | 321 | .05 | |
| | Sept. 4, 1980 | 2.2 | 340 | 0 | 15 | 11 | .4 | 13 | 309 | .00 | |
| | Aug. 18, 1981 | 2.8 | -- | -- | 23 | 9.6 | .7 | 13 | 327 | .02 | |
| 502 | July 12, 1978 | 1.6 | 310 | 0 | 30 | 11 | .4 | 14 | 314 | 1.4 | |
| | July 9, 1979 | .8 | 320 | 0 | 17 | 15 | .2 | 11 | 318 | 4.1 | |
| | Sept. 4, 1980 | 1.0 | 340 | 0 | 9.2 | 10 | .4 | 12 | 305 | 2.3 | |
| | Aug. 18, 1981 | .9 | -- | -- | 1.0 | 19 | .2 | 13 | 321 | 4.1 | |
| 901 | July 12, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | .47 | |
| | July 11, 1979 | 1.2 | 220 | 0 | 21 | 8.0 | .5 | 11 | 228 | .44 | |
| | Sept. 4, 1980 | 1.0 | 300 | 0 | 15 | 9.6 | .4 | 11 | 273 | .58 | |
| | Aug. 12, 1981 | 1.1 | -- | -- | 15 | 8.9 | .4 | 12 | 269 | .42 | |
| 58-105 | Aug. 8, 1978 | 1.4 | 290 | 0 | 21 | 21 | .4 | 11 | 287 | 1.6 | |
| | July 11, 1979 | 1.3 | 270 | 0 | 24 | 12 | .4 | 9.8 | 270 | 1.6 | |
| | Aug. 29, 1980 | 1.3 | 270 | 0 | 18 | 7.6 | .4 | 10 | 258 | .35 | |
| | Aug. 18, 1981 | 1.3 | -- | -- | 9.1 | 11 | .3 | 11 | 269 | 1.6 | |
| 106 | July 18, 1979 | 1.4 | 310 | 0 | 39 | 9.3 | 1.0 | 11 | 318 | .82 | |
| 403 | July 12, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | 1.5 | |
| | Aug. 29, 1980 | 1.0 | 330 | 0 | 27 | 11 | .5 | 11 | 319 | .30 | |
| | Aug. 12, 1981 | 1.3 | -- | -- | 25 | 10 | .4 | 11 | 321 | 1.2 | |
| 407 | July 17, 1978 | 1.2 | 320 | 0 | 91 | 14 | 1.4 | 11 | 381 | .01 | |
| | July 11, 1979 | 1.1 | 320 | 0 | 68 | 10 | 1.1 | 10 | 359 | .13 | |
| | Sept. 4, 1980 | 1.2 | 320 | 0 | 88 | 11 | 1.8 | 11 | 380 | .00 | |
| | Aug. 12, 1981 | 1.3 | -- | -- | 81 | 10 | 1.6 | 12 | 368 | .03 | |
| 704 | July 24, 1978 | 7.8 | 290 | 0 | 160 | 96 | 3.9 | 12 | 622 | .01 | |
| | July 11, 1979 | 4.3 | 280 | 0 | 200 | 88 | 3.2 | 12 | 615 | .02 | |
| | Sept. 4, 1980 | 7.9 | 290 | 0 | 170 | 98 | 3.2 | 12 | 634 | .00 | |
| | Aug. 12, 1981 | 8.2 | -- | -- | 170 | 92 | 2.6 | 13 | 613 | .00 | |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

Hays County--Continued

| WELL | DATE OF SAMPLE | TIME | DEPTH OF WELL, TOTAL (FEET) | FLOW RATE, INSTANTANEOUS (GPM) | PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) | ARSENIC | CADMIUM | CHROMIUM, | COPPER, | IRON, |
|--------------|----------------|------|-----------------------------|--------------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | | | | | | DIS-SOLVED (UG/L AS AS) | DIS-SOLVED (UG/L AS CD) | DIS-SOLVED (UG/L AS CR) | DIS-SOLVED (UG/L AS CU) | DIS-SOLVED (UG/L AS FE) |
| LR-58-49-801 | July 11, 1978 | 0810 | 100 | 15 | 30 | 3 | ND | ND | 4 | 20 |
| | Aug. 18, 1981 | 0850 | 100 | 15 | 20 | 0 | <1 | 0 | <10 | <10 |
| 57-202 | Aug. 12, 1981 | 0905 | 200 | 15 | 15 | 0 | <1 | 10 | <10 | <10 |
| 502 | July 12, 1978 | 1300 | 385 | 15 | 30 | 2 | ND | ND | <2 | 20 |
| | Aug. 18, 1981 | 1110 | 385 | -- | 30 | 0 | <1 | 0 | <10 | 30 |
| 58-403 | Aug. 12, 1981 | 0810 | 390 | -- | 45 | 0 | <1 | 10 | <10 | <10 |
| 704 | July 24, 1978 | 1015 | 532 | 25 | -- | 1 | ND | ND | ND | 70 |
| | Aug. 12, 1981 | 1230 | 532 | 15 | 10 | 0 | <1 | 0 | <10 | 37 |

| WELL | DATE OF SAMPLE | LEAD, DIS-SOLVED (UG/L AS PB) | MANGANESE, | MERCURY | ZINC, |
|--------|----------------|-------------------------------|-------------------------|-------------------------|-------------------------|
| | | | DIS-SOLVED (UG/L AS MN) | DIS-SOLVED (UG/L AS HG) | DIS-SOLVED (UG/L AS ZN) |
| 49-801 | July 11, 1978 | 3 | <10 | <.1 | 30 |
| | Aug. 19, 1981 | <10 | 1 | .0 | 15 |
| 57-202 | Aug. 12, 1981 | <10 | <1 | .0 | 180 |
| 502 | July 12, 1978 | 3 | <10 | <.1 | 80 |
| | Aug. 18, 1981 | <10 | 1 | .0 | 71 |
| 58-403 | Aug. 12, 1981 | <10 | <1 | .0 | <3 |
| 704 | July 24, 1978 | ND | <10 | <.1 | <20 |
| | Aug. 12, 1981 | <10 | 2 | .1 | <3 |

| WELL | DATE OF SAMPLE | TIME | ALDRIN | CHLOR-DANE, | DDD, | DDE, | DDT, | DI-AZINON, | DI-ELDRIN | ENDO-SULFAN, |
|--------|----------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) |
| 49-801 | July 11, 1978 | 0810 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | Aug. 19, 1981 | 0850 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 57-202 | Aug. 12, 1981 | 0905 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 502 | July 12, 1978 | 1300 | .00 | .00 | .00 | .00 | .00 | .01 | .00 | .00 |
| | Aug. 18, 1981 | 1110 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 58-403 | Aug. 12, 1981 | 0810 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 704 | July 24, 1978 | 1015 | .00 | .00 | .00 | .00 | .00 | 1.2 | .00 | .00 |
| | Aug. 12, 1981 | 1230 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

| WELL | DATE OF SAMPLE | ENDRIN, TOTAL (UG/L) | PARATHION, | TOTAL TRI- | ETHION, | HEPTA-CHLOR EPOXIDE | HEPTA-CHLOR, | LINDANE | MALATHION, | METHYL PARATHION, |
|--------|----------------|----------------------|--------------|---------------------|--------------|---------------------|--------------|--------------|--------------|-------------------|
| | | | TOTAL (UG/L) | THION, TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) | TOTAL (UG/L) |
| 49-801 | July 11, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | Aug. 19, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 57-202 | Aug. 12, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 502 | July 12, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | Aug. 18, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 58-403 | Aug. 12, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 704 | July 24, 1978 | .00 | 2.8 | .00 | .00 | .00 | .00 | .00 | .00 | 1.6 |
| | Aug. 12, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Travis County</u> | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----------------|--|---|--|--|---|---|---------------------------------|------------------------------------|---------------------------------|-----|--|--|--|--|--|--|--|--|--|--|
| WELL | DATE OF SAMPLE | TIME | PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) | DEPTH OF WELL, TOTAL (FEET) | FLOW RATE, INSTANTANEOUS (GPM) | DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) | SPECIFIC CONDUCTANCE (UMHOS) | PH (UNIT_) | TEMPERATURE (DEG C) | OXYGEN, DIS-SOLVED (MG/L) | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| YD 58-35-210 | June 21, 1978 | 0930 | 60 | 362 | -- | 279.00 | 670 | 6.7 | 25.0 | -- | | | | | | | | | | | |
| | July 2, 1979 | 0800 | -- | 362 | -- | 217.00 | 580 | 7.1 | 24.0 | -- | | | | | | | | | | | |
| | July 3, 1979 | 1345 | 20 | 362 | -- | 217.00 | 580 | 7.0 | 24.0 | -- | | | | | | | | | | | |
| | Aug. 26, 1980 | 0830 | 20 | -- | 15 | 260.00 | 619 | 7.1 | 24.5 | 2.7 | | | | | | | | | | | |
| | Aug. 3, 1981 | 1245 | -- | 515 | -- | -- | -- | -- | -- | -- | | | | | | | | | | | |
| | Aug. 5, 1981 | 0830 | 20 | 362 | -- | 182.50 | 1220 | 7.0 | 24.0 | -- | | | | | | | | | | | |
| | Aug. 10, 1981 | 0830 | 20 | -- | 15 | -- | 555 | 7.1 | 24.0 | -- | | | | | | | | | | | |
| | 309 | June 21, 1978 | 1030 | 30 | 515 | 15 | 245.00 | 810 | -- | 24.0 | -- | | | | | | | | | | |
| | | July 2, 1979 | 0945 | 20 | 515 | 15 | -- | 800 | 7.1 | 24.0 | -- | | | | | | | | | | |
| | | Aug. 25, 1980 | 1415 | 20 | -- | 15 | 239.50 | 807 | 7.4 | 28.5 | 4.0 | | | | | | | | | | |
| | Aug. 3, 1981 | 1245 | 20 | -- | 15 | 163.50 | 799 | 7.3 | 25.5 | -- | | | | | | | | | | | |
| | 407 | June 21, 1978 | 1255 | -- | 396 | 8.0 | 77.00 | 1180 | -- | 23.0 | -- | | | | | | | | | | |
| July 3, 1979 | | 0715 | -- | 396 | -- | -- | 639 | 7.4 | 22.5 | -- | | | | | | | | | | | |
| Aug. 25, 1980 | | 1030 | 20 | -- | -- | 85.00 | 562 | 7.6 | 24.5 | 5.7 | | | | | | | | | | | |
| Aug. 10, 1981 | | 0900 | 20 | 396 | -- | -- | 820 | 7.5 | 24.0 | -- | | | | | | | | | | | |
| 415 | June 21, 1978 | 1130 | 60 | 112 | -- | 97.00 | 760 | 6.4 | 22.0 | 5.9 | | | | | | | | | | | |
| | July 3, 1979 | 0815 | 60 | 112 | -- | 94.45 | 762 | 6.8 | 22.0 | -- | | | | | | | | | | | |
| | Aug. 25, 1980 | 0955 | 20 | -- | 15 | 97.50 | 806 | 6.8 | 23.5 | 5.3 | | | | | | | | | | | |
| | Aug. 4, 1981 | 1330 | 20 | 112 | -- | 88.95 | 775 | 6.9 | 23.0 | -- | | | | | | | | | | | |
| 506 | June 22, 1978 | 1145 | 60 | 533 | 250 | 219.00 | 760 | 6.7 | 25.0 | 3.0 | | | | | | | | | | | |
| | July 2, 1979 | 1030 | -- | 533 | 250 | -- | 760 | 7.0 | 24.0 | -- | | | | | | | | | | | |
| | Aug. 26, 1980 | 0915 | 20 | -- | 40 | -- | 793 | 7.0 | 24.0 | 4.0 | | | | | | | | | | | |
| | Aug. 3, 1981 | 1130 | 120 | 533 | 40 | -- | 750 | 7.2 | 24.0 | -- | | | | | | | | | | | |
| 508 | June 21, 1978 | 1315 | 60 | 465 | 15 | 179.00 | 700 | 6.6 | 23.0 | 4.6 | | | | | | | | | | | |
| | July 2, 1979 | 1245 | 20 | 465 | 15 | -- | 685 | 6.9 | 23.5 | -- | | | | | | | | | | | |
| WELL | DATE OF SAMPLE | OXYGEN, DIS-SOLVED (PER-CENT SATURATION) | COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) | COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) | STREP-TOCOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) | HARD-NESS (MG/L AS CaCO3) | HARD-NESS, NONCARBONATE (MG/L AS CaCO3) | CALCIUM DIS-SOLVED (MG/L AS Ca) | MAGNESIUM, DIS-SOLVED (MG/L AS Mg) | SODIUM, DIS-SOLVED (MG/L AS Na) | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| YD 58-35-210 | June 21, 1978 | -- | 48 | <1 | 4 | 300 | 9 | 69 | 32 | 23 | | | | | | | | | | | |
| | July 2, 1979 | -- | 5100 | 240 | 460 | -- | -- | -- | -- | -- | | | | | | | | | | | |
| | July 3, 1979 | -- | 680 | 58 | 160 | 260 | 0 | 54 | 30 | 16 | | | | | | | | | | | |
| | Aug. 26, 1980 | 33 | K13 | <1 | <1 | 270 | 0 | 61 | 28 | 14 | | | | | | | | | | | |
| | Aug. 3, 1981 | -- | -- | -- | -- | -- | -- | -- | -- | -- | | | | | | | | | | | |
| | Aug. 5, 1981 | -- | K330000 | 400 | 720 | 470 | 140 | 141 | 29 | 42 | | | | | | | | | | | |
| | Aug. 10, 1981 | -- | 68000 | 80 | 4600 | -- | -- | -- | -- | -- | | | | | | | | | | | |
| | 309 | June 21, 1978 | -- | <1 | <1 | <1 | -- | -- | -- | -- | -- | | | | | | | | | | |
| | | July 2, 1979 | -- | 1 | <1 | <1 | 250 | 25 | 59 | 26 | 75 | | | | | | | | | | |
| | | Aug. 25, 1980 | 53 | <1 | <1 | K1 | 250 | 0 | 55 | 27 | 79 | | | | | | | | | | |
| | Aug. 3, 1981 | -- | 4 | <1 | 100 | 250 | 0 | 55 | 27 | 84 | | | | | | | | | | | |
| | 407 | June 21, 1978 | -- | 130 | <1 | 10 | -- | -- | -- | -- | -- | | | | | | | | | | |
| July 3, 1979 | | -- | 100 | <1 | 1 | 290 | 32 | 75 | 26 | 14 | | | | | | | | | | | |
| Aug. 25, 1980 | | 70 | 23 | <1 | K1 | 290 | 27 | 82 | 20 | 4.2 | | | | | | | | | | | |
| Aug. 10, 1981 | | -- | 210 | <1 | 100 | 380 | 86 | 88 | 38 | 34 | | | | | | | | | | | |
| 415 | June 21, 1978 | 69 | 110 | <1 | 1 | 420 | 30 | 120 | 28 | 7.8 | | | | | | | | | | | |
| | July 3, 1979 | -- | 520 | <1 | 3 | 390 | 9 | 120 | 23 | 8.7 | | | | | | | | | | | |
| | Aug. 25, 1980 | 64 | 63 | <1 | K1 | 370 | 4 | 110 | 24 | 7.5 | | | | | | | | | | | |
| | Aug. 4, 1981 | -- | K260 | K10 | 360 | 390 | 0 | 120 | 23 | 8.6 | | | | | | | | | | | |
| 506 | June 22, 1978 | -- | 1400 | <1 | <1 | -- | -- | -- | -- | -- | | | | | | | | | | | |
| | July 2, 1979 | -- | 5 | <1 | <1 | 310 | 0 | 83 | 25 | 34 | | | | | | | | | | | |
| | Aug. 26, 1980 | 48 | K4 | <1 | <1 | 330 | 10 | 93 | 23 | 33 | | | | | | | | | | | |
| | Aug. 3, 1981 | -- | K220 | K4 | K9 | 340 | 20 | 95 | 25 | 31 | | | | | | | | | | | |
| 508 | June 21, 1978 | -- | 200 | <1 | <1 | 340 | 15 | 96 | 25 | 25 | | | | | | | | | | | |
| | July 2, 1979 | -- | 1000 | 14 | 1700 | 350 | 29 | 100 | 24 | 16 | | | | | | | | | | | |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Travis County--Continued</u> | | | | | | | | | | | |
|---------------------------------|----------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------------|------------------------------------|--|-----------------------------------|---|-----|
| WELL | DATE OF SAMPLE | SODIUM AD-SORPTION RATIO | POTAS-SIUM, DIS-SOLVED (MG/L AS K) | BICAR-BONATE FET-FLD (MG/L AS HCO3) | CAR-BONATE FET-FLD (MG/L AS CO3) | SULFATE DIS-SOLVED (MG/L AS SO4) | CHLO-RIDE, DIS-SOLVED (MG/L AS CL) | FLUO-RIDE, DIS-SOLVED (MG/L AS F) | SILICA, DIS-SOLVED (MG/L AS SIO2) | SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) | |
| YD 58-35-210 | June 21, 1978 | .6 | 3.4 | 360 | 0 | 61 | 18 | 2.2 | 10 | 396 | |
| | July 2, 1979 | -- | -- | 340 | 0 | -- | -- | -- | -- | -- | |
| | July 3, 1979 | .4 | 1.7 | 340 | 0 | 24 | 13 | 2.4 | 13 | 322 | |
| | Aug. 26, 1980 | .4 | 1.5 | 330 | 0 | 19 | 12 | 2.4 | 12 | 313 | |
| | Aug. 3, 1981 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Aug. 5, 1981 | .9 | 5.9 | -- | -- | 170 | 43 | 1.3 | 24 | 655 | |
| | Aug. 10, 1981 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | 309 | June 21, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | July 2, 1979 | 2.0 | 3.9 | 280 | 0 | 120 | 38 | 3.2 | 13 | 476 |
| | | Aug. 25, 1980 | 2.2 | 4.0 | 320 | 0 | 98 | 41 | 2.8 | 16 | 481 |
| Aug. 3, 1981 | | 2.6 | 3.8 | -- | -- | 100 | 39 | 2.8 | 14 | 488 | |
| 407 | June 21, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 3, 1979 | .4 | 3.8 | 320 | 0 | 44 | 13 | .5 | 10 | 344 | |
| | Aug. 25, 1980 | .1 | .5 | 320 | 0 | 12 | 10 | .2 | 9.5 | 296 | |
| | Aug. 10, 1981 | .8 | 11 | -- | -- | 140 | 19 | .9 | 10 | 515 | |
| 415 | June 21, 1978 | .2 | .7 | 470 | 0 | 14 | 15 | .1 | 10 | 428 | |
| | July 3, 1979 | .2 | .6 | 470 | 0 | 21 | 14 | .2 | 13 | 432 | |
| | Aug. 25, 1980 | .2 | .5 | 450 | 0 | 14 | 16 | .2 | 12 | 406 | |
| | Aug. 4, 1981 | .2 | .6 | -- | -- | 1.0 | 12 | .1 | 13 | 419 | |
| 506 | June 22, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 2, 1979 | .8 | 1.6 | 400 | 0 | 45 | 27 | .5 | 12 | 425 | |
| | Aug. 26, 1980 | .8 | 1.5 | 390 | 0 | 41 | 32 | .5 | 12 | 428 | |
| | Aug. 3, 1981 | .8 | 1.4 | -- | -- | 42 | 20 | .5 | 12 | 419 | |
| 508 | June 21, 1978 | .6 | 1.3 | 400 | 0 | 36 | 24 | .4 | 9.4 | 414 | |
| | July 2, 1979 | .4 | 1.0 | 390 | 0 | 27 | 18 | .4 | 12 | 388 | |
| WELL | DATE OF SAMPLE | NITRO-GEN, NITRATE TOTAL (MG/L AS N) | NITRO-GEN, NITRITE TOTAL (MG/L AS N) | NITRO-GEN, AMMONIA TOTAL (MG/L AS N) | NITRO-GEN, ORGANIC TOTAL (MG/L AS N) | PHOS-PHORUS, TOTAL (MG/L AS P) | TRITIUM IN WATER MOLE-CULES (TU) | METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) | | | |
| YD 58-35-210 | June 21, 1978 | .14 | .010 | .010 | .00 | <.010 | -- | -- | | | |
| | July 2, 1979 | .23 | <.010 | .040 | .00 | .020 | -- | -- | | | |
| | July 3, 1979 | .20 | <.010 | .020 | .00 | .020 | -- | .00 | | | |
| | Aug. 26, 1980 | .00 | .000 | .000 | .37 | .020 | -- | -- | | | |
| | Aug. 3, 1981 | -- | -- | -- | -- | -- | -- | -- | | | |
| | Aug. 5, 1981 | 4.2 | .450 | .250 | 1.8 | .210 | -- | -- | | | |
| | Aug. 10, 1981 | 26 | 1.30 | .160 | 1.5 | .020 | -- | -- | | | |
| | 309 | June 21, 1978 | .06 | .010 | .090 | .22 | <.010 | -- | -- | | |
| | | July 2, 1979 | .05 | <.010 | .160 | .11 | .010 | -- | .00 | | |
| | | Aug. 25, 1980 | .00 | .000 | .140 | .25 | .010 | -- | -- | | |
| Aug. 3, 1981 | | .09 | .020 | .330 | .08 | <.010 | -- | -- | | | |
| 407 | June 21, 1978 | 2.4 | .320 | .370 | .07 | <.010 | -- | -- | | | |
| | July 3, 1979 | 6.8 | <.010 | <.010 | .04 | .010 | -- | .10 | | | |
| | Aug. 25, 1980 | 3.3 | .000 | .020 | .88 | .100 | -- | -- | | | |
| | Aug. 10, 1981 | 3.2 | .200 | .120 | .52 | .010 | -- | -- | | | |
| 415 | June 21, 1978 | 3.9 | .010 | .010 | .14 | .010 | 7.6 | -- | | | |
| | July 3, 1979 | 2.9 | <.010 | .010 | .11 | .010 | -- | .00 | | | |
| | Aug. 25, 1980 | 1.6 | .000 | .000 | .38 | .020 | -- | -- | | | |
| | Aug. 4, 1981 | 3.3 | .020 | .100 | .66 | .010 | -- | -- | | | |
| 506 | June 22, 1978 | 2.0 | .010 | .030 | .02 | <.010 | -- | -- | | | |
| | July 2, 1979 | 2.0 | <.010 | .040 | .00 | <.010 | -- | .00 | | | |
| | Aug. 26, 1980 | .90 | .000 | .040 | .39 | .010 | -- | -- | | | |
| | Aug. 3, 1981 | 1.7 | .020 | .070 | .58 | .030 | -- | -- | | | |
| 508 | June 21, 1978 | 3.4 | <.010 | .010 | .14 | <.010 | -- | -- | | | |
| | July 2, 1979 | 3.3 | <.010 | .020 | .04 | <.010 | -- | .00 | | | |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Travis County--Continued</u> | | | | | | | | | | | |
|---------------------------------|----------------|------|---|-----------------------------|-------------------------------|---|------------------------------|------------|---------------------|--------------------------|--|
| WELL | DATE OF SAMPLE | TIME | PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) | DEPTH OF WELL, TOTAL (FEET) | FLOW RATE INSTANTANEOUS (GPM) | DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) | SPECIFIC CONDUCTANCE (UMHOS) | PH (UNITS) | TEMPERATURE (DEG C) | OXYGEN DIS-SOLVED (MG/L) | |
| YD 58-35-508 | Aug. 25, 1980 | 1145 | 20 | -- | 15 | 164.20 | 728 | 7.0 | 24.0 | 5.8 | |
| | Aug. 3, 1981 | 1415 | 60 | 465 | 40 | 70.00 | 695 | 7.4 | 25.0 | -- | |
| 511 | June 21, 1978 | 1345 | 30 | 200 | 15 | 149.00 | 740 | 6.6 | 24.5 | 7.9 | |
| | July 3, 1979 | 0950 | 20 | 200 | -- | 148.80 | 730 | 7.0 | 23.0 | -- | |
| 701 | Aug. 10, 1981 | 1130 | 20 | 610 | -- | 132.50 | 721 | 7.2 | 25.5 | -- | |
| 713 | June 26, 1978 | 0830 | 45 | 314 | 15 | 109.00 | 819 | 6.8 | -- | 1.8 | |
| | July 16, 1979 | 0830 | 20 | 314 | -- | -- | 795 | 6.9 | 24.0 | -- | |
| | Aug. 25, 1980 | 0845 | 20 | -- | -- | -- | 810 | 6.8 | 23.0 | 2.5 | |
| 804 | June 23, 1978 | 0715 | 60 | 416 | 15 | 166.00 | 910 | 7.3 | 23.5 | .4 | |
| | July 17, 1979 | 1010 | 210 | 416 | -- | -- | 760 | 6.8 | 24.0 | -- | |
| | Aug. 26, 1980 | 1345 | 120 | -- | 15 | 156.50 | 864 | 7.3 | 24.0 | 4.4 | |
| | Aug. 5, 1981 | 1035 | 60 | 416 | 15 | 78.75 | 772 | 7.2 | 24.0 | -- | |
| 806 | June 22, 1978 | 1300 | 20 | 459 | 15 | 119.00 | 1800 | 6.0 | 24.5 | .4 | |
| 808 | June 23, 1978 | 0915 | 60 | 460 | 15 | 190.00 | 1080 | 7.2 | -- | .3 | |
| | July 3, 1979 | 1000 | 20 | 460 | 15 | 137.00 | 840 | 7.1 | 24.0 | -- | |
| | Aug. 26, 1980 | 1130 | 20 | -- | -- | 180.00 | 835 | 7.2 | 23.0 | 4.6 | |
| | Aug. 10, 1981 | 0950 | 20 | 460 | -- | 105.00 | 774 | 7.2 | 24.0 | -- | |
| 906 | June 23, 1978 | 0950 | 60 | 600 | 15 | 169.00 | 1100 | 7.3 | 24.5 | .2 | |
| | July 2, 1979 | 1335 | -- | 600 | -- | 92.24 | 1120 | 7.0 | 23.5 | -- | |
| | Aug. 26, 1980 | 0955 | 20 | -- | 15 | 152.80 | 1140 | 7.1 | 24.0 | 2.8 | |
| | Aug. 5, 1981 | 1000 | 20 | 600 | 15 | 64.00 | 1110 | 7.2 | 25.0 | -- | |
| 36-402 | June 27, 1978 | 0900 | 15 | 610 | 15 | 173.00 | 480 | 7.1 | 22.0 | 5.5 | |
| | July 2, 1979 | 1120 | 20 | 610 | 15 | 120.00 | 520 | 6.9 | -- | -- | |
| | Aug. 25, 1980 | 1330 | 20 | -- | 15 | 162.60 | 720 | 7.1 | 25.0 | 5.8 | |
| | Aug. 4, 1981 | 1410 | 30 | 610 | 15 | 68.90 | 562 | 7.4 | 24.0 | -- | |

| WELL | DATE OF SAMPLE | OXYGEN, DIS-SOLVED (PERCENT SATURATION) | COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) | COLIFORM, FECAL, 0.7 UM-YF (COLS./100 ML) | STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) | HARDNESS AS CaCO3 (MG/L) | HARDNESS, NONCARBONATE (MG/L CaCO3) | CALCIUM DIS-SOLVED (MG/L AS Ca) | MAGNESIUM, DIS-SOLVED (MG/L AS Mg) | SODIUM DIS-SOLVED (MG/L AS Na) |
|--------------|----------------|---|--|---|---|--------------------------|-------------------------------------|---------------------------------|------------------------------------|--------------------------------|
| YD 58-35-508 | Aug. 25, 1980 | 71 | 730 | K9 | 380 | 330 | 10 | 94 | 23 | 16 |
| | Aug. 3, 1981 | -- | 2900 | 230 | K15000 | 340 | 19 | 96 | 24 | 18 |
| 511 | June 21, 1978 | -- | 1800 | 2 | 1300 | -- | -- | -- | -- | -- |
| | July 3, 1979 | -- | 2500 | <1 | 13 | 390 | 42 | 120 | 21 | 9.6 |
| 701 | Aug. 10, 1981 | -- | K48 | <1 | K6 | 320 | 28 | 81 | 28 | 37 |
| 713 | June 26, 1978 | -- | 7 | <1 | <1 | 410 | 37 | 90 | 46 | 11 |
| | July 16, 1979 | -- | 130 | <1 | 1 | 400 | 37 | 90 | 42 | 10 |
| | Aug. 25, 1980 | 30 | <1 | <1 | <1 | 420 | 66 | 89 | 47 | 13 |
| 804 | June 23, 1978 | -- | 48 | <1 | <1 | -- | -- | -- | -- | -- |
| | July 17, 1979 | -- | 8 | <1 | <1 | 270 | 0 | 86 | 14 | 50 |
| | Aug. 26, 1980 | 52 | <1 | <1 | <1 | 300 | 6 | 86 | 21 | 63 |
| | Aug. 5, 1981 | -- | K48 | K1 | K1 | 310 | 7 | 85 | 23 | 59 |
| 806 | June 22, 1978 | -- | <1 | <1 | <1 | -- | -- | -- | -- | -- |
| 808 | June 23, 1978 | -- | 160 | <1 | <1 | 270 | 0 | 64 | 26 | 130 |
| | July 3, 1978 | -- | <1 | <1 | <1 | 260 | 0 | 61 | 26 | 70 |
| | Aug. 26, 1980 | 54 | <1 | <1 | <1 | 280 | 0 | 70 | 25 | 70 |
| | Aug. 10, 1981 | -- | K2 | <1 | <1 | 270 | 0 | 67 | 26 | 66 |
| 906 | June 23, 1978 | -- | 43 | <1 | <1 | 330 | 10 | 90 | 26 | 110 |
| | July 2, 1979 | -- | <1 | <1 | <1 | 290 | 0 | 74 | 25 | 120 |
| | Aug. 26, 1980 | 33 | <1 | <1 | <1 | 330 | 16 | 90 | 25 | 120 |
| | Aug. 5, 1981 | -- | K2 | <1 | <1 | 320 | 3 | 88 | 25 | 120 |
| 36-402 | June 27, 1978 | -- | <360 | <1 | <1 | 250 | 29 | 96 | 2.5 | 13 |
| | July 2, 1979 | -- | 60 | 3 | 1 | 260 | 21 | 100 | 2.2 | 12 |
| | Aug. 25, 1980 | 72 | 1000 | K2 | K5 | 310 | 82 | 120 | 2.8 | 23 |
| | Aug. 4, 1981 | -- | K18 | K1 | K7 | 280 | 54 | 110 | 2.3 | 14 |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Travis County--Continued</u> | | | | | | | | | | | |
|---------------------------------|----------------|-------------------------|------------------------------|---------------------------------------|------------------------------------|------------------------------|-----------------------------------|----------------------------------|-----------------------------------|--|--|
| WELL | DATE OF SAMPLE | SODIUM ADSORPTION RATIO | POTASSIUM SOLVED (MG/L AS K) | BICARBONATE FET-FLD AS (MG/L AS HCO3) | CARBONATE FET-FLD AS (MG/L AS CO3) | SULFATE SOLVED (MG/L AS SO4) | CHLORIDE, DIS-SOLVED (MG/L AS CL) | FLUORIDE, DIS-SOLVED (MG/L AS F) | SILICA, DIS-SOLVED (MG/L AS SiO2) | SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) | |
| YD 58-35-508 | Aug. 25, 1980 | .4 | 1.0 | 390 | 0 | 20 | 18 | .5 | 12 | 377 | |
| | Aug. 3, 1981 | .5 | 1.1 | -- | -- | 16 | 17 | .3 | 12 | 377 | |
| 511 | June 21, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 3, 1979 | .2 | 1.0 | 420 | 0 | 25 | 14 | .2 | 12 | 410 | |
| 701 | Aug. 10, 1981 | 1.0 | 1.8 | -- | -- | 42 | 48 | .6 | 13 | 426 | |
| 713 | June 26, 1978 | .2 | 2.2 | 460 | 0 | 51 | 22 | 1.3 | 11 | 461 | |
| | July 16, 1979 | .2 | 3.0 | 440 | 0 | 52 | 17 | 1.6 | 13 | 446 | |
| | Aug. 25, 1980 | .3 | 3.0 | 430 | 0 | 60 | 18 | 1.5 | 13 | 455 | |
| 804 | June 23, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 17, 1979 | 1.3 | 6.1 | 340 | 0 | 52 | 48 | .4 | 11 | 435 | |
| | Aug. 26, 1980 | 1.6 | 2.4 | 360 | 0 | 56 | 57 | .5 | 11 | 474 | |
| | Aug. 5, 1981 | 1.6 | 3.0 | -- | -- | 61 | 55 | .5 | 12 | 479 | |
| 806 | June 22, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 808 | June 23, 1978 | 3.5 | 5.8 | 400 | 0 | 99 | 100 | 1.7 | 9.8 | 634 | |
| | July 3, 1979 | 1.9 | 2.2 | 350 | 0 | 66 | 33 | .8 | 13 | 445 | |
| | Aug. 26, 1980 | 1.8 | 2.2 | 340 | 0 | 47 | 66 | .9 | 12 | 461 | |
| 906 | Aug. 10, 1981 | 1.9 | 2.0 | -- | -- | 57 | 62 | .7 | 13 | 468 | |
| | June 23, 1978 | 2.6 | 3.5 | 390 | 0 | 110 | 100 | 1.2 | 9.9 | 643 | |
| | July 2, 1979 | 3.1 | 3.7 | 380 | 0 | 120 | 120 | 1.2 | 13 | 664 | |
| 36-402 | Aug. 26, 1980 | 2.9 | 3.6 | 380 | 0 | 84 | 120 | 1.1 | 13 | 644 | |
| | Aug. 5, 1981 | 2.9 | 3.6 | -- | -- | 100 | 120 | 1.1 | 13 | 663 | |
| | June 27, 1978 | .4 | .9 | 270 | 0 | 20 | 21 | .4 | 6.0 | 293 | |
| 36-402 | July 2, 1979 | .3 | .8 | 290 | 0 | 22 | 12 | .4 | 7.3 | 300 | |
| | Aug. 25, 1980 | .6 | .9 | 280 | 0 | 27 | 64 | .4 | 7.2 | 383 | |
| | Aug. 4, 1981 | .4 | .8 | -- | -- | 19 | 47 | .3 | 7.5 | 339 | |

| WELL | DATE OF SAMPLE | NITROGEN, NITRATE TOTAL (MG/L AS N) | NITROGEN, NITRITE TOTAL (MG/L AS N) | NITROGEN, AMMONIA TOTAL (MG/L AS N) | NITROGEN, ORGANIC TOTAL (MG/L AS N) | PHOSPHORUS, TOTAL (MG/L AS P) | TRITIUM IN WATER MOLECULES (TU) | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) |
|--------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------|---------------------------------|--|
| YD 58-35-508 | Aug. 25, 1980 | 1.8 | .000 | .020 | .63 | .020 | -- | -- |
| | Aug. 3, 1981 | 1.5 | .030 | .120 | .58 | <.010 | -- | -- |
| 511 | June 21, 1978 | 4.9 | <.010 | .030 | .12 | .010 | -- | -- |
| | July 3, 1979 | 4.8 | <.010 | <.010 | .03 | .020 | -- | .10 |
| 701 | Aug. 10, 1981 | .42 | .000 | .060 | .27 | .010 | -- | -- |
| 713 | June 26, 1978 | .03 | <.010 | .030 | .19 | .120 | -- | -- |
| | July 16, 1979 | .03 | .020 | .010 | .05 | .010 | -- | .00 |
| | Aug. 25, 1980 | .00 | .000 | .000 | .53 | .020 | -- | -- |
| 804 | June 23, 1978 | .05 | <.010 | .030 | .23 | .010 | -- | -- |
| | July 17, 1979 | .01 | <.010 | .020 | .24 | .030 | -- | .00 |
| | Aug. 26, 1980 | .00 | .000 | .000 | .37 | .020 | -- | -- |
| | Aug. 5, 1981 | -- | .020 | .120 | .48 | .220 | -- | -- |
| 806 | June 22, 1978 | .01 | .010 | .240 | .17 | <.010 | -- | -- |
| 808 | June 23, 1978 | .04 | .010 | .250 | .14 | <.010 | -- | -- |
| | July 3, 1979 | .08 | <.010 | .010 | .00 | <.010 | -- | .00 |
| | Aug. 26, 1980 | .00 | .000 | .030 | .22 | .020 | -- | -- |
| | Aug. 10, 1981 | .00 | .000 | .110 | .41 | .010 | -- | -- |
| 906 | June 23, 1978 | .05 | <.010 | .090 | .26 | <.010 | 9.5 | -- |
| | July 2, 1979 | .07 | <.010 | .150 | .20 | <.010 | -- | .00 |
| | Aug. 26, 1980 | .00 | .000 | .080 | .39 | .010 | -- | -- |
| | Aug. 5, 1981 | .10 | .020 | .310 | .59 | .190 | -- | -- |
| 36-402 | June 27, 1978 | 5.0 | <.010 | .030 | .16 | <.010 | 22.1 | -- |
| | July 2, 1979 | 2.7 | <.010 | <.010 | .00 | <.010 | -- | .00 |
| | Aug. 25, 1980 | 1.3 | .000 | .000 | 1.1 | .010 | -- | -- |
| | Aug. 4, 1981 | 3.7 | .030 | .120 | .66 | <.010 | -- | -- |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Travis County--Continued</u> | | | | | | | | | | | |
|---------------------------------|----------------|------|---|-----------------------------|-------------------------------|---|------------------------------|------------|---------------------|---------------------------|--|
| WELL | DATE OF SAMPLE | TIME | PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) | DEPTH OF WELL, TOTAL (FEET) | FLOW RATE INSTANTANEOUS (GPM) | DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) | SPECIFIC CONDUCTANCE (UMHOS) | PH (UNITS) | TEMPERATURE (DEG C) | OXYGEN, DIS-SOLVED (MG/L) | |
| YD 58-42-306 | June 27, 1978 | 1050 | 240 | 431 | -- | 84.00 | 5400 | 6.9 | 25.0 | .4 | |
| | July 16, 1979 | 0930 | 20 | 461 | -- | 81.63 | 5700 | 6.9 | 24.0 | -- | |
| | Aug. 27, 1980 | 1230 | 20 | -- | 15 | 94.00 | 5850 | 7.3 | 24.0 | 3.1 | |
| | Aug. 5, 1981 | 1150 | 20 | 431 | 15 | 88.00 | 5820 | 7.3 | 25.5 | -- | |
| 608 | July 19, 1978 | 1150 | 15 | 145 | -- | 102.10 | 629 | 7.0 | 18.0 | 2.7 | |
| | July 16, 1979 | 1340 | 20 | 145 | -- | 100.00 | 570 | 6.8 | 18.0 | -- | |
| | Aug. 27, 1980 | 1330 | 20 | -- | -- | 101.90 | 547 | 7.3 | 19.5 | 3.0 | |
| | Sept. 9, 1980 | 1400 | -- | -- | -- | -- | -- | -- | -- | -- | |
| Aug. 5, 1981 | 1415 | 20 | 145 | -- | -- | 544 | 7.5 | 20.5 | -- | | |
| 809 | June 26, 1978 | 1220 | 30 | 340 | 15 | 285.00 | 460 | 7.2 | 22.5 | 7.4 | |
| | July 10, 1979 | 0900 | 20 | 340 | -- | -- | 525 | 6.8 | 21.0 | -- | |
| | Aug. 27, 1980 | 0930 | 20 | -- | 15 | -- | 503 | 7.4 | 22.5 | 6.9 | |
| | Aug. 4, 1981 | 1045 | -- | 340 | -- | -- | 462 | 7.6 | 22.0 | -- | |
| 814 | June 26, 1978 | 1135 | 60 | 300 | 25 | 214.00 | 490 | 7.0 | 23.5 | 8.9 | |
| | July 10, 1979 | 0950 | 20 | 300 | -- | -- | 521 | 6.7 | 21.5 | -- | |
| | Aug. 27, 1980 | 1045 | 20 | -- | -- | 219.00 | 559 | 7.3 | 22.5 | 7.4 | |
| | Aug. 4, 1981 | 0915 | 20 | 300 | -- | 211.50 | 528 | 7.5 | 22.0 | -- | |
| 817 | July 18, 1979 | 1330 | -- | -- | -- | -- | 543 | 7.7 | -- | -- | |
| 818 | July 17, 1978 | 1230 | 15 | 300 | 15 | 227.00 | 720 | 7.2 | 27.0 | .3 | |
| | Aug. 27, 1980 | 1015 | 20 | -- | 15 | 210.00 | 752 | 7.4 | 23.5 | 3.6 | |
| | Aug. 4, 1981 | 1105 | 20 | 300 | -- | 187.00 | 687 | 7.5 | 22.5 | -- | |
| 913 | June 26, 1978 | 1310 | 15 | 180 | -- | 108.00 | 600 | 6.8 | -- | 7.8 | |
| | July 10, 1979 | 1120 | 20 | 180 | -- | -- | 620 | 6.5 | 24.0 | -- | |
| | Aug. 27, 1980 | 0830 | 20 | -- | 15 | 105.90 | 645 | 7.1 | 25.0 | 6.2 | |
| | Aug. 4, 1981 | 0820 | 20 | 180 | 15 | -- | 608 | 7.0 | 23.5 | -- | |

| WELL | DATE OF SAMPLE | OXYGEN, DIS-SOLVED (PERCENT SATURATION) | COLIFORM, TOTAL, IMMEDIATE (COLS. PER 100 ML) | COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) | STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) | HARDNESS (MG/L AS CaCO3) | HARDNESS, NONCARBONATE (MG/L AS CaCO3) | CALCIUM DIS-SOLVED (MG/L AS Ca) | MAGNESIUM, DIS-SOLVED (MG/L AS Mg) | SODIUM DIS-SOLVED (MG/L AS Na) |
|--------------|----------------|---|---|---|---|--------------------------|--|---------------------------------|------------------------------------|--------------------------------|
| YD 58-42-306 | June 27, 1978 | -- | 340 | <1 | 73 | -- | -- | -- | -- | -- |
| | July 16, 1979 | -- | 30 | <1 | <1 | 1200 | 930 | 230 | 160 | 970 |
| | Aug. 27, 1980 | 37 | K7 | <1 | <1 | 1100 | 790 | 210 | 140 | 960 |
| | Aug. 5, 1981 | -- | 24 | <1 | <1 | 1100 | 770 | 200 | 140 | 1100 |
| 608 | July 19, 1978 | -- | 3 | <1 | 1 | 240 | 51 | 58 | 23 | 35 |
| | July 16, 1979 | -- | 92 | <1 | 2 | 200 | 27 | 47 | 20 | 31 |
| | Aug. 27, 1980 | 33 | 17000 | 3000 | 24000 | 220 | 36 | 52 | 21 | 27 |
| | Sept. 9, 1980 | -- | 440 | 51 | 200 | -- | -- | -- | -- | -- |
| Aug. 5, 1981 | -- | 420 | 26 | 420 | 230 | 46 | 54 | 22 | 31 | |
| 809 | June 26, 1978 | -- | 5 | <1 | 3 | 250 | 16 | 67 | 19 | 7.4 |
| | July 10, 1979 | -- | 42 | <1 | <1 | 260 | 44 | 70 | 20 | 8.4 |
| | Aug. 27, 1980 | 80 | <1 | <1 | <1 | 240 | 23 | 65 | 18 | 8.5 |
| | Aug. 4, 1981 | -- | K5 | <1 | 23 | 240 | 11 | 65 | 19 | 7.9 |
| 814 | June 26, 1978 | -- | 44 | <1 | <1 | -- | -- | -- | -- | -- |
| | July 10, 1979 | -- | 2 | <1 | <1 | 260 | 24 | 72 | 20 | 7.1 |
| | Aug. 27, 1980 | 86 | <1 | <1 | <1 | 270 | 9 | 74 | 21 | 7.2 |
| | Aug. 4, 1981 | -- | K8 | K1 | K4 | 280 | 30 | 76 | 22 | 7.9 |
| 817 | July 18, 1979 | -- | 500 | 2 | 8 | 280 | 2 | 68 | 27 | 8.0 |
| 818 | July 17, 1978 | -- | 200 | <1 | <1 | 330 | 58 | 64 | 41 | 16 |
| | Aug. 27, 1980 | 43 | <1 | <1 | <1 | 310 | 57 | 62 | 38 | 13 |
| | Aug. 4, 1981 | -- | 92 | <1 | <1 | 310 | 39 | 61 | 38 | 13 |
| 913 | June 26, 1978 | -- | <1 | <1 | <1 | 340 | 33 | 100 | 21 | 5.2 |
| | July 10, 1979 | -- | <1 | <1 | <1 | 320 | 23 | 96 | 19 | 5.1 |
| | Aug. 27, 1980 | 76 | K4 | <1 | <1 | 330 | 18 | 99 | 20 | 6.4 |
| | Aug. 4, 1981 | -- | K110 | K100 | K2 | 320 | 25 | 97 | 20 | 5.9 |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| Travis County--Continued | | | | | | | | | | | |
|--------------------------|----------------|--------------------------|---------------------------------|------------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|----------------------------------|--|--|
| WELL | DATE OF SAMPLE | SODIUM AD-SORPTION RATIO | POTASSIUM-DISSOLVED (MG/L AS K) | BICARBONATE-FET-FLD (MG/L AS HCO3) | CARBONATE-FET-FLD (MG/L AS CO3) | SULFATE-DISSOLVED (MG/L AS SO4) | CHLORIDE-DISSOLVED (MG/L AS CL) | FLUORIDE-DISSOLVED (MG/L AS F) | SILICA, DISSOLVED (MG/L AS SiO2) | SOLIDS, SUM OF CONSTITUENTS DISSOLVED (MG/L) | |
| YD 58-42-306 | June 27, 1978 | -- | -- | 370 | -- | -- | -- | -- | -- | -- | |
| | July 16, 1979 | 12 | 62 | 370 | 0 | 2200 | 590 | 3.7 | 11 | 4410 | |
| | Aug. 27, 1980 | 13 | 65 | 380 | 0 | 2000 | 690 | .5 | 8.4 | 4260 | |
| | Aug. 5, 1981 | 15 | 55 | -- | -- | 2200 | 700 | 3.5 | 12 | 4600 | |
| 608 | July 19, 1978 | 1.0 | 3.5 | 230 | 0 | 39 | 67 | .3 | 9.4 | 349 | |
| | July 16, 1979 | 1.0 | 3.6 | 210 | 0 | 37 | 54 | .3 | 8.8 | 305 | |
| | Aug. 27, 1980 | .8 | 3.4 | 220 | 0 | 41 | 50 | .3 | 9.9 | 313 | |
| | Sept. 9, 1980 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Aug. 5, 1981 | 1.0 | 3.5 | -- | -- | 51 | 55 | .3 | 9.7 | 335 | |
| 809 | June 26, 1978 | .2 | 1.0 | 280 | 0 | 22 | 15 | .1 | 7.5 | 277 | |
| | July 10, 1979 | .2 | 1.0 | 260 | 0 | 33 | 15 | .2 | 8.5 | 284 | |
| | Aug. 27, 1980 | .2 | 1.0 | 260 | 0 | 24 | 14 | .2 | 8.9 | 268 | |
| | Aug. 4, 1981 | .2 | 1.0 | -- | -- | 23 | 11 | .2 | 9.4 | 275 | |
| 814 | June 26, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 10, 1979 | .2 | 1.0 | 290 | 0 | 23 | 13 | .2 | 9.4 | 289 | |
| | Aug. 27, 1980 | .2 | 1.2 | 320 | 0 | 17 | 12 | .2 | 10 | 300 | |
| | Aug. 4, 1981 | .2 | 1.0 | -- | -- | 19 | 12 | .2 | 11 | 299 | |
| 817 | July 18, 1979 | .2 | 1.2 | 340 | 0 | 13 | 9.7 | .2 | 10 | 305 | |
| 818 | July 17, 1978 | .4 | 4.2 | 330 | 0 | 110 | 15 | .8 | 12 | 426 | |
| | Aug. 27, 1980 | .3 | 4.1 | 310 | 0 | 110 | 11 | .7 | 12 | 404 | |
| Aug. 4, 1981 | .4 | 4.0 | -- | -- | 120 | 17 | .7 | 13 | 429 | | |
| 913 | June 26, 1978 | .1 | .8 | 370 | 0 | 14 | 22 | .1 | 8.1 | 354 | |
| | July 10, 1979 | .1 | 1.0 | 360 | 0 | 18 | 12 | .2 | 9.4 | 338 | |
| | Aug. 27, 1980 | .2 | .8 | 380 | 0 | 12 | 13 | .2 | 10 | 349 | |
| | Aug. 4, 1981 | .2 | .8 | -- | -- | 2.0 | 18 | .2 | 11 | 335 | |

| WELL | DATE OF SAMPLE | NITROGEN, NITRATE TOTAL (MG/L AS N) | NITROGEN, NITRITE TOTAL (MG/L AS N) | NITROGEN, AMMONIA TOTAL (MG/L AS N) | NITROGEN, ORGANIC TOTAL (MG/L AS N) | PHOSPHORUS, TOTAL (MG/L AS P) | TRITIUM IN WATER MOLECULES (TU) | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) |
|--------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------|---------------------------------|--|
| YD 58-42-306 | June 27, 1978 | .24 | .010 | 2.30 | .10 | .010 | -- | -- |
| | July 16, 1979 | .02 | .020 | 2.90 | .10 | .010 | -- | .20 |
| | Aug. 27, 1980 | .00 | .000 | 1.60 | 1.7 | .020 | -- | -- |
| | Aug. 5, 1981 | .09 | .020 | 3.70 | .00 | .010 | -- | -- |
| 608 | July 19, 1978 | .33 | <.010 | <.010 | .15 | <.010 | 20.7 | -- |
| | July 16, 1979 | .41 | .020 | .010 | .13 | .010 | -- | .00 |
| | Aug. 27, 1980 | .07 | .000 | .000 | 2.2 | .020 | -- | -- |
| | Sept. 9, 1980 | .05 | .020 | .030 | .46 | .020 | -- | -- |
| | Aug. 5, 1981 | .45 | .030 | .150 | .48 | .200 | -- | -- |
| 809 | June 26, 1978 | .39 | .010 | <.010 | .00 | <.010 | -- | -- |
| | July 10, 1979 | .45 | .020 | .010 | .13 | .010 | -- | .00 |
| | Aug. 27, 1980 | .11 | .000 | .000 | .20 | .010 | -- | -- |
| | Aug. 4, 1981 | .42 | .020 | .130 | .30 | <.010 | -- | -- |
| 814 | June 26, 1978 | 1.1 | <.010 | .010 | .14 | <.010 | -- | -- |
| | July 10, 1979 | 1.1 | <.010 | .010 | .16 | .010 | -- | -- |
| | Aug. 27, 1980 | .33 | .000 | .000 | .77 | .010 | -- | -- |
| | Aug. 4, 1981 | 1.1 | .030 | .130 | .44 | <.010 | -- | -- |
| 817 | July 18, 1979 | .73 | .020 | .030 | .42 | .130 | -- | .00 |
| 818 | July 17, 1978 | .02 | <.010 | <.010 | .15 | <.010 | -- | -- |
| | Aug. 27, 1980 | .00 | .000 | .000 | .25 | .020 | -- | -- |
| | Aug. 4, 1981 | .09 | .020 | .160 | .46 | <.010 | -- | -- |
| 913 | June 26, 1978 | 1.2 | <.010 | .030 | .05 | .010 | 17.0 | -- |
| | July 10, 1979 | 1.4 | <.010 | .010 | .03 | <.010 | -- | .00 |
| | Aug. 27, 1980 | .46 | .000 | .000 | 1.1 | .010 | -- | -- |
| | Aug. 4, 1981 | 1.2 | .030 | .080 | .40 | <.010 | -- | -- |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Travis County--Continued</u> | | | | | | | | | | | |
|---------------------------------|----------------|----------------|------|---|-----------------------------|--------------------------------|---|------------------------------|------------|---------------------|---------------------------|
| WELL | DATE OF SAMPLE | | TIME | PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) | DEPTH OF WELL, TOTAL (FEET) | FLOW RATE, INSTANTANEOUS (GPM) | DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) | SPECIFIC CONDUCTANCE (UMHOS) | PH (UNITS) | TEMPERATURE (DEG C) | OXYGEN, DIS-SOLVED (MG/L) |
| | DATE OF SAMPLE | DATE OF SAMPLE | | | | | | | | | |
| YD-58-42-914 | July 10, 1979 | 0700 | -- | -- | -- | -- | -- | 580 | 7.5 | 22.5 | -- |
| | Sept. 19, 1979 | 1005 | -- | -- | -- | -- | -- | 593 | 7.0 | 21.0 | -- |
| 926 | July 17, 1978 | 1330 | 60 | 190 | -- | 161.00 | 550 | 6.9 | 22.0 | 7.9 | -- |
| | July 16, 1979 | 1440 | 60 | 190 | -- | 153.90 | 580 | 6.7 | 21.5 | -- | -- |
| | Aug. 27, 1980 | 1115 | 20 | -- | 15 | 161.40 | 587 | 7.4 | 23.5 | 3.6 | -- |
| | Aug. 4, 1981 | 0955 | 20 | 190 | -- | 158.00 | 570 | 7.3 | 22.5 | -- | -- |
| 43-205 | July 19, 1978 | 0845 | 60 | 563 | 7.0 | 89.26 | 12600 | 6.8 | 24.5 | -- | -- |
| 206 | July 19, 1978 | 0940 | 60 | 400 | 15 | 122.00 | 880 | 6.8 | 24.0 | -- | -- |
| | July 16, 1979 | 1100 | 20 | 400 | 15 | 68.90 | 860 | 6.8 | 24.0 | -- | -- |
| | Aug. 26, 1980 | 1300 | 20 | -- | 15 | 110.50 | 863 | 7.3 | 24.0 | 3.3 | -- |
| | Jan. 13, 1981 | 0930 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Aug. 10, 1981 | 1050 | 20 | 400 | 15 | -- | 855 | 7.3 | 25.0 | -- | -- |
| 49-604 | July 11, 1978 | 1000 | 1440 | 565 | -- | 103.00 | 1090 | 6.9 | -- | 12.4 | -- |
| | July 17, 1979 | 1330 | 20 | 565 | -- | 104.00 | 620 | 6.9 | 23.0 | -- | -- |
| | Sept. 8, 1980 | 0945 | 20 | -- | 15 | 106.00 | 615 | 7.0 | 23.5 | -- | -- |
| | Aug. 12, 1981 | 1030 | 15 | 565 | 15 | 115.60 | 616 | 7.3 | 23.5 | -- | -- |
| 50-101 | June 28, 1978 | 1000 | 30 | 217 | 15 | 138.00 | 630 | 6.7 | 24.0 | 1.7 | -- |
| | July 17, 1979 | 1230 | 20 | 217 | 15 | -- | 630 | 6.6 | 24.5 | -- | -- |
| | Aug. 28, 1980 | 1000 | 20 | -- | 15 | 181.80 | 659 | 7.1 | 24.5 | 4.3 | -- |
| | Aug. 11, 1981 | 0830 | -- | 217 | 15 | -- | 538 | 7.2 | 25.0 | -- | -- |
| 206 | June 28, 1978 | 1100 | 15 | 257 | -- | 210.00 | 480 | 6.7 | 22.0 | 7.9 | -- |
| | July 17, 1979 | 1415 | 20 | 257 | -- | -- | 520 | 6.7 | 21.5 | -- | -- |
| | Aug. 27, 1980 | 1415 | 20 | -- | 15 | 228.40 | 500 | 7.4 | 23.5 | -- | -- |

| WELL | DATE OF SAMPLE | | OXYGEN, DIS-SOLVED (PERCENT SATURATION) | COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) | COLIFORM, FECAL, 0.7 UM-MF (COLS. / 100 ML) | STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) | HARDNESS, NONCARBONATE (MG/L AS CaCO3) | HARDNESS, CARBONATE (MG/L AS CaCO3) | CALCIUM, DIS-SOLVED (MG/L AS Ca) | MAGNESIUM, DIS-SOLVED (MG/L AS Mg) | SODIUM, DIS-SOLVED (MG/L AS Na) |
|--------------|----------------|----------------|---|--|---|---|--|-------------------------------------|----------------------------------|------------------------------------|---------------------------------|
| | DATE OF SAMPLE | DATE OF SAMPLE | | | | | | | | | |
| YD-58-42-914 | July 10, 1979 | -- | -- | -- | -- | -- | 290 | 30 | 84 | 20 | 12 |
| | Sept. 19, 1979 | -- | -- | -- | -- | -- | 290 | 32 | 85 | 20 | 13 |
| 926 | July 17, 1978 | -- | 1200 | <1 | <1 | -- | -- | -- | -- | -- | -- |
| | July 16, 1979 | -- | 18000 | 92 | 1800 | 310 | 45 | 90 | 20 | 8.0 | |
| | Aug. 27, 1980 | 43 | 4400 | <1 | 1500 | 300 | 35 | 86 | 20 | 8.4 | |
| | Aug. 4, 1981 | -- | 1100 | 26 | 1700 | 300 | 41 | 86 | 21 | 8.8 | |
| 43-205 | July 19, 1978 | -- | 3 | <1 | <1 | 1600 | 1200 | 330 | 200 | 2400 | |
| 206 | July 19, 1978 | -- | <1 | <1 | <1 | 280 | 1 | 66 | 28 | 87 | |
| | July 16, 1979 | -- | 1 | <1 | 1 | 270 | 3 | 65 | 27 | 74 | |
| | Aug. 26, 1980 | 39 | <1 | <1 | <1 | 260 | 0 | 62 | 26 | 80 | |
| | Jan. 13, 1981 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Aug. 10, 1981 | -- | <1 | <1 | K16 | 270 | 0 | 64 | 27 | 85 | |
| 49-604 | July 11, 1978 | -- | 150 | <1 | <1 | 600 | 300 | 120 | 74 | 16 | |
| | July 17, 1979 | -- | 20 | <1 | <1 | 340 | 33 | 82 | 32 | 5.9 | |
| | Sept. 8, 1980 | -- | 25 | <1 | K9 | 320 | 12 | 77 | 30 | 6.8 | |
| | Aug. 12, 1981 | -- | 460 | <1 | 310 | 330 | 22 | 80 | 32 | 7.0 | |
| 50-101 | June 28, 1978 | -- | 8 | <1 | 3 | -- | -- | -- | -- | -- | |
| | July 17, 1979 | -- | 24 | <1 | <1 | 300 | 22 | 66 | 33 | 5.9 | |
| | Aug. 28, 1980 | 52 | 39 | <1 | <1 | 310 | 37 | 67 | 34 | 6.3 | |
| | Aug. 11, 1981 | -- | K4 | <1 | 54 | 300 | 0 | 70 | 30 | 4.6 | |
| 206 | June 28, 1978 | -- | 2 | <1 | 3 | 250 | 12 | 62 | 23 | 6.2 | |
| | July 17, 1979 | -- | <1 | <1 | <1 | 260 | 19 | 73 | 20 | 7.5 | |
| | Aug. 27, 1980 | -- | <1 | <1 | <1 | 250 | 13 | 64 | 22 | 6.7 | |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Travis County--Continued</u> | | | | | | | | | | | |
|---------------------------------|----------------|--------------------------|-----------------------------------|------------------------------------|---------------------------------|----------------------------------|----------------------------------|---------------------------------|-----------------------------------|--|--|
| WELL | DATE OF SAMPLE | SODIUM AD-SORPTION RATIO | POTASSIUM, DIS-SOLVED (MG/L AS K) | BICARBONATE FET-FLD (MG/L AS HCO3) | CARBONATE FET-FLD (MG/L AS CO3) | SULFATE DIS-SOLVED (MG/L AS SO4) | CHLORIDE DIS-SOLVED (MG/L AS CL) | FLUORIDE DIS-SOLVED (MG/L AS F) | SILICA, DIS-SOLVED (MG/L AS SiO2) | SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) | |
| YD-58-42-914 | July 10, 1979 | .3 | 1.3 | 320 | 0 | 24 | 20 | .2 | 10 | 329 | |
| | Sept. 19, 1979 | .3 | 1.1 | 320 | 0 | 31 | 26 | .3 | 11 | 345 | |
| 926 | July 17, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 16, 1979 | .2 | 1.2 | 320 | 0 | 32 | 14 | .2 | 10 | 333 | |
| | Aug. 27, 1980 | .2 | 1.1 | 320 | 0 | 26 | 13 | .2 | 11 | 323 | |
| | Aug. 4, 1981 | .2 | 1.1 | -- | -- | 30 | 12 | .2 | 11 | 326 | |
| 43-205 | July 19, 1978 | 26 | 52 | 490 | 0 | 1300 | 3700 | 3.8 | 15 | 8240 | |
| 206 | July 19, 1978 | 2.3 | 2.6 | 340 | 0 | 72 | 81 | 1.1 | 12 | 518 | |
| | July 16, 1979 | 1.9 | 2.8 | 330 | 0 | 70 | 73 | 1.1 | 12 | 488 | |
| | Aug. 26, 1980 | 2.2 | 2.6 | 340 | 0 | 59 | 81 | 1.1 | 12 | 491 | |
| | Jan. 13, 1981 | -- | 2.5 | -- | -- | -- | -- | -- | -- | -- | |
| | Aug. 10, 1981 | 2.5 | 2.5 | -- | -- | 74 | 78 | 1.0 | 13 | 513 | |
| 49-604 | July 11, 1978 | .3 | 7.5 | 370 | 0 | 320 | 19 | 1.4 | 13 | 753 | |
| | July 17, 1979 | .1 | 3.2 | 370 | 0 | 27 | 10 | .7 | 9.9 | 353 | |
| | Sept. 8, 1980 | .2 | 2.7 | 370 | 0 | 25 | 13 | -- | 10 | 347 | |
| | Aug. 12, 1981 | .2 | 3.0 | -- | -- | 28 | 12 | .6 | 11 | 360 | |
| 50-101 | June 28, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 17, 1979 | .2 | 2.1 | 340 | 0 | 66 | 8.1 | .5 | 12 | 361 | |
| | Aug. 28, 1980 | .2 | 2.1 | 330 | 0 | 50 | 8.5 | .6 | 13 | 344 | |
| | Aug. 11, 1981 | .1 | 1.0 | -- | -- | <1.0 | 7.5 | .2 | 12 | 306 | |
| 206 | June 28, 1978 | .2 | 1.3 | 290 | 0 | 12 | 15 | .1 | 8.9 | 271 | |
| | July 17, 1979 | .2 | 1.4 | 300 | 0 | 15 | 11 | .2 | 11 | 287 | |
| | Aug. 27, 1980 | .2 | 1.2 | 290 | 0 | 7.4 | 11 | .2 | 11 | 266 | |

| WELL | DATE OF SAMPLE | NITROGEN, NITRATE TOTAL (MG/L AS N) | NITROGEN, NITRITE TOTAL (MG/L AS N) | NITROGEN, AMMONIA TOTAL (MG/L AS N) | NITROGEN, ORGANIC TOTAL (MG/L AS N) | PHOSPHORUS, TOTAL (MG/L AS P) | TRITIUM IN WATER MOLECULES (TU) | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) |
|--------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------|---------------------------------|--|
| YD-58-42-914 | July 10, 1979 | 1.4 | <.010 | .020 | .23 | .010 | -- | -- |
| | Sept. 19, 1979 | 1.6 | <.010 | .070 | .11 | <.010 | -- | -- |
| 926 | July 17, 1978 | 1.5 | <.010 | <.010 | 1.6 | <.010 | -- | -- |
| | July 16, 1979 | 1.7 | .020 | .020 | .12 | .010 | -- | .00 |
| | Aug. 27, 1980 | .62 | .000 | .000 | .34 | .010 | -- | -- |
| | Aug. 4, 1981 | 3.0 | .030 | .120 | .57 | <.010 | -- | -- |
| 43-205 | July 19, 1978 | .01 | <.010 | 4.00 | 1.9 | <.010 | -- | -- |
| 206 | July 19, 1978 | .01 | <.010 | <.010 | 4.2 | <.010 | .0 | -- |
| | July 16, 1979 | .00 | .020 | .060 | .09 | .010 | -- | .00 |
| | Aug. 26, 1980 | .00 | .000 | .000 | .29 | .020 | -- | -- |
| | Jan. 13, 1981 | -- | -- | -- | -- | -- | -- | -- |
| | Aug. 10, 1981 | .00 | .000 | .120 | .70 | .010 | -- | -- |
| 49-604 | July 11, 1978 | .13 | .020 | .060 | .20 | <.010 | -- | -- |
| | July 17, 1979 | .42 | <.010 | .090 | .03 | .010 | -- | .00 |
| | Sept. 8, 1980 | .30 | .010 | .000 | 1.3 | .010 | -- | -- |
| | Aug. 12, 1981 | .32 | .000 | .070 | .36 | .010 | -- | -- |
| 50-101 | June 28, 1978 | .16 | .010 | <.010 | .22 | .010 | -- | -- |
| | July 17, 1979 | .26 | <.010 | .010 | .05 | .020 | -- | .00 |
| | Aug. 28, 1980 | .20 | .000 | .000 | .35 | .000 | -- | -- |
| | Aug. 11, 1981 | .79 | .000 | .110 | .40 | .010 | -- | -- |
| 206 | June 28, 1978 | 1.1 | .010 | .010 | .09 | .010 | -- | -- |
| | July 17, 1979 | 1.5 | <.010 | .010 | .09 | .010 | -- | .00 |
| | Aug. 27, 1980 | .63 | .000 | .000 | .39 | .020 | -- | -- |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| Travis County--Continued | | | | | | | | | | | |
|--------------------------|----------------|------|---|-----------------------------|-------------------------------|---|------------------------------|------------|---------------------|-------------------------|--|
| WELL | DATE OF SAMPLE | TIME | PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) | DEPTH OF WELL, TOTAL (FEET) | FLOW RATE INSTANTANEOUS (GPM) | DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) | SPECIFIC CONDUCTANCE (UMHOS) | PH (UNITS) | TEMPERATURE (DEG C) | OXYGEN DISSOLVED (MG/L) | |
| YD 58-50-206 | Aug. 10, 1981 | 1315 | 20 | 257 | 15 | 209.60 | 537 | 7.4 | 23.5 | -- | |
| 211 | June 27, 1978 | 1220 | -- | -- | -- | -- | 560 | 6.6 | 23.0 | -- | |
| | July 12, 1979 | 0900 | 20 | 282 | -- | 196.70 | 620 | 6.9 | 22.0 | -- | |
| | Aug. 28, 1980 | 0900 | 60 | -- | -- | -- | 592 | 7.0 | 22.0 | -- | |
| | Aug. 10, 1981 | 1340 | 60 | 282 | -- | -- | 569 | 7.2 | 24.0 | -- | |
| 215 | Aug. 8, 1978 | 0750 | 30 | 360 | 25 | -- | 540 | 7.0 | 24.5 | -- | |
| | July 17, 1979 | 1200 | 60 | 360 | 25 | -- | 580 | 6.8 | 23.0 | -- | |
| | Aug. 28, 1980 | 0930 | 20 | -- | -- | -- | 620 | 7.0 | 23.0 | 6.7 | |
| | Aug. 10, 1981 | 1407 | 60 | 360 | -- | -- | 585 | 7.3 | 24.5 | -- | |
| | Oct. 7, 1981 | 1420 | -- | -- | -- | -- | 600 | 7.3 | 23.0 | -- | |
| | Oct. 8, 1981 | 1130 | -- | -- | -- | -- | 588 | 7.3 | 22.5 | -- | |
| 216 | Oct. 12, 1978 | 1205 | 180 | 582 | -- | 256.00 | 820 | 7.1 | 23.5 | 5.3 | |
| | July 18, 1979 | 1230 | -- | 582 | -- | 198.60 | 445 | 6.8 | 22.0 | -- | |
| | Sept. 8, 1980 | 1030 | -- | -- | -- | 250.70 | 807 | 7.4 | 24.5 | -- | |
| | Aug. 19, 1981 | 1310 | -- | 582 | -- | 211.40 | 638 | 7.3 | 24.0 | -- | |
| 217 | Oct. 13, 1978 | 1300 | 150 | 214 | 7.5 | 129.10 | 500 | 6.6 | 21.5 | 4.4 | |
| | July 17, 1979 | 0715 | -- | 214 | -- | 90.45 | 480 | 6.8 | 19.0 | -- | |
| | Aug. 19, 1981 | 1210 | -- | 140 | -- | 96.16 | 517 | 7.2 | 22.0 | -- | |
| 401 | June 28, 1978 | 1215 | 20 | 404 | -- | 255.00 | 560 | 6.4 | 23.5 | 6.4 | |
| | July 9, 1979 | 1310 | 20 | 404 | -- | -- | 560 | 7.1 | 22.5 | -- | |
| | Aug. 28, 1980 | 1115 | 20 | -- | 15 | 247.00 | 575 | 7.1 | 23.0 | 5.8 | |
| | Aug. 18, 1981 | 1415 | 20 | 404 | 15 | 194.60 | 551 | 7.2 | 24.0 | -- | |
| 406 | July 5, 1978 | 1215 | 30 | 360 | -- | 290.00 | 640 | 7.1 | 23.0 | 7.5 | |
| | July 10, 1979 | 1300 | 20 | 360 | -- | -- | 620 | 6.6 | 23.0 | -- | |
| | Aug. 28, 1980 | 1045 | 20 | -- | 15 | -- | 660 | 7.2 | 23.5 | 6.4 | |

| WELL | DATE OF SAMPLE | OXYGEN, DIS-SOLVED (PERCENT SATURATION) | COLIFORM, TOTAL, (COLS. PER 100 ML) | COLIFORM, FECAL, 0.7 UM-1F (COLS./100 ML) | STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) | HARDNESS (MG/L AS CaCO3) | HARDNESS, NONCARBONATE (MG/L CaCO3) | CALCIUM DIS-SOLVED (MG/L AS Ca) | MAGNESIUM, DIS-SOLVED (MG/L AS Na) | SODIUM, DIS-SOLVED (MG/L AS Na) |
|--------------|----------------|---|-------------------------------------|---|---|--------------------------|-------------------------------------|---------------------------------|------------------------------------|---------------------------------|
| YD 58-50-206 | Aug. 10, 1981 | -- | <1 | <1 | K200 | 280 | 15 | 74 | 22 | 9.7 |
| 211 | June 27, 1978 | -- | -- | -- | -- | 290 | 23 | 78 | 24 | 10 |
| | July 12, 1979 | -- | <1 | <1 | <1 | 280 | 2 | 73 | 24 | 21 |
| | Aug. 28, 1980 | -- | 600 | K3 | K5 | 300 | 16 | 79 | 24 | 8.5 |
| | Aug. 10, 1981 | -- | <1 | <1 | <1 | 290 | 17 | 77 | 23 | 9.0 |
| 215 | Aug. 8, 1978 | -- | 10 | <1 | 2 | 300 | 1 | 69 | 30 | 8.4 |
| | July 17, 1979 | -- | <1 | <1 | <1 | 280 | 10 | 71 | 25 | 9.1 |
| | Aug. 28, 1980 | 79 | K8 | <1 | K2 | 290 | 3 | 70 | 28 | 9.4 |
| | Aug. 10, 1981 | -- | <1 | <1 | 49 | 300 | 24 | 77 | 27 | 9.9 |
| | Oct. 7, 1981 | -- | -- | <1 | K13 | -- | -- | -- | -- | -- |
| | Oct. 8, 1981 | -- | -- | K1 | K4 | -- | -- | -- | -- | -- |
| 216 | Oct. 12, 1978 | -- | 220 | 17 | 15 | -- | -- | -- | -- | -- |
| | July 18, 1979 | -- | >6 | K6 | K3 | 220 | 39 | 58 | 18 | 11 |
| | Sept. 8, 1980 | -- | K220 | <1 | <1 | 320 | 94 | 90 | 24 | 31 |
| | Aug. 19, 1981 | -- | 920 | K40 | 500 | 300 | 34 | 74 | 29 | 11 |
| 217 | Oct. 13, 1978 | -- | K880 | <1 | K100 | -- | -- | -- | -- | -- |
| | July 17, 1979 | -- | 80 | <1 | 6 | 250 | 36 | 70 | 18 | 6.8 |
| | Aug. 19, 1981 | -- | K900 | K8 | K14 | 260 | 17 | 70 | 20 | 8.2 |
| 401 | June 28, 1978 | -- | 4 | <1 | 2 | -- | -- | -- | -- | -- |
| | July 9, 1979 | -- | <1 | <1 | <1 | 280 | 12 | 77 | 22 | 6.0 |
| | Aug. 28, 1980 | 68 | <1 | <1 | <1 | 280 | 13 | 79 | 21 | 6.4 |
| | Aug. 18, 1981 | -- | <1 | <1 | K3 | 290 | 12 | 79 | 23 | 6.9 |
| 406 | July 5, 1978 | -- | <1 | <1 | <1 | -- | -- | -- | -- | -- |
| | July 10, 1979 | -- | <1 | <1 | <1 | 310 | 49 | 82 | 26 | 13 |
| | Aug. 28, 1980 | 76 | 35 | <1 | <1 | 320 | 66 | 87 | 25 | 16 |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Travis County--Continued</u> | | | | | | | | | | | |
|---------------------------------|----------------|--------------------------|-----------------------------------|------------------------------------|---------------------------------|----------------------------------|----------------------------------|---------------------------------|-----------------------------------|--|--|
| WELL | DATE OF SAMPLE | SODIUM AD-SORPTION RATIO | POTASSIUM, DIS-SOLVED (MG/L AS K) | BICARBONATE FET-FLD (MG/L AS HCO3) | CARBONATE FET-FLD (MG/L AS CO3) | SULFATE DIS-SOLVED (MG/L AS SO4) | CHLORIDE DIS-SOLVED (MG/L AS CL) | FLUORIDE DIS-SOLVED (MG/L AS F) | SILICA, DIS-SOLVED (MG/L AS SiO2) | SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) | |
| YD 58-50-206 | Aug. 10, 1981 | .3 | 1.4 | -- | -- | 6.0 | 18 | .2 | 12 | 300 | |
| 211 | June 27, 1978 | .3 | 1.0 | 330 | 0 | 15 | 18 | .0 | 8.9 | 318 | |
| | July 12, 1979 | .5 | 1.0 | 340 | 0 | 14 | 32 | .2 | 10 | 343 | |
| | Aug. 28, 1980 | .2 | .9 | 340 | 0 | 7.3 | 14 | .2 | 12 | 314 | |
| | Aug. 10, 1980 | .2 | .9 | -- | -- | 7.0 | 19 | .1 | 11 | 310 | |
| 215 | Aug. 8, 1978 | .2 | 1.3 | 360 | 0 | 6.3 | 12 | .2 | 15 | 320 | |
| | July 17, 1979 | .2 | 1.2 | 330 | 0 | 17 | 11 | .2 | 14 | 311 | |
| | Aug. 28, 1980 | .2 | 1.2 | 350 | 0 | 5.1 | 13 | .3 | 15 | 315 | |
| | Aug. 10, 1981 | .3 | 1.2 | -- | -- | 7.0 | 14 | .2 | 15 | 320 | |
| | Oct. 7, 1981 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Oct. 8, 1981 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 216 | Oct. 12, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 18, 1979 | .3 | 2.9 | 220 | 0 | 42 | 14 | .7 | 12 | 267 | |
| | Sept. 8, 1980 | .8 | 5.3 | 280 | 0 | 170 | 38 | -- | 18 | 514 | |
| | Aug. 19, 1981 | .3 | 2.2 | -- | -- | 42 | 12 | .6 | 13 | 346 | |
| 217 | Oct. 13, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 17, 1979 | .2 | 1.4 | 260 | 0 | 25 | 11 | .2 | 9.1 | 270 | |
| | Aug. 19, 1981 | .2 | 1.3 | -- | -- | 16 | 14 | .1 | 11 | 285 | |
| 401 | June 28, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 9, 1979 | .2 | .9 | 330 | 0 | 17 | 12 | .2 | 10 | 308 | |
| | Aug. 28, 1980 | .2 | .9 | 330 | 0 | 13 | 10 | .3 | 11 | 304 | |
| | Aug. 18, 1981 | .2 | 1.1 | -- | -- | <1.0 | 18 | .1 | 12 | 309 | |
| 406 | July 5, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | July 10, 1979 | .4 | 1.0 | 320 | 0 | 40 | 18 | .4 | 12 | 350 | |
| | Aug. 28, 1980 | .4 | 1.0 | 310 | 0 | 48 | 21 | .3 | 14 | 365 | |

| WELL | DATE OF SAMPLE | NITROGEN, NITRATE TOTAL (MG/L AS N) | NITROGEN, NITRITE TOTAL (MG/L AS N) | NITROGEN AMMONIA TOTAL (MG/L AS N) | NITROGEN, ORGANIC TOTAL (MG/L AS N) | PHOSPHORUS, TOTAL (MG/L AS P) | TRITIUM IN WATER MOLECULES (TU) | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) |
|--------------|----------------|-------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|-------------------------------|---------------------------------|--|
| YD 58-50-206 | Aug. 10, 1981 | 1.6 | .000 | .070 | .92 | .010 | -- | -- |
| 211 | June 27, 1978 | 1.9 | .000 | .030 | .06 | .000 | -- | -- |
| | July 12, 1979 | 1.7 | <.010 | .030 | .05 | .010 | -- | .30 |
| | Aug. 28, 1980 | 1.8 | .000 | .000 | .33 | .010 | -- | -- |
| | Aug. 10, 1981 | 1.4 | .000 | .030 | .78 | .010 | -- | -- |
| 215 | Aug. 8, 1978 | 2.3 | .010 | <.010 | .14 | .010 | .8 | -- |
| | July 17, 1979 | 4.0 | .020 | .010 | .09 | .030 | -- | .00 |
| | Aug. 28, 1980 | 1.1 | .000 | .020 | 1.2 | .010 | -- | -- |
| | Aug. 10, 1981 | 3.5 | .000 | .030 | .51 | .020 | -- | -- |
| | Oct. 7, 1981 | -- | <.020 | .110 | .65 | .020 | -- | -- |
| | Oct. 8, 1981 | -- | <.020 | .110 | .49 | .020 | -- | -- |
| 216 | Oct. 12, 1978 | -- | -- | -- | -- | -- | -- | -- |
| | July 18, 1979 | 1.0 | .100 | .110 | .02 | .340 | -- | .00 |
| | Sept. 8, 1980 | .21 | -- | -- | .39 | .080 | -- | -- |
| | Aug. 19, 1981 | 1.3 | .010 | .110 | .62 | .040 | -- | -- |
| 217 | Oct. 13, 1978 | -- | -- | -- | -- | -- | -- | -- |
| | July 17, 1979 | .27 | .020 | .010 | .13 | .030 | -- | .00 |
| | Aug. 19, 1981 | .29 | .000 | .090 | .36 | .020 | -- | -- |
| 401 | June 28, 1978 | 1.9 | .010 | <.010 | .15 | .010 | -- | -- |
| | July 9, 1979 | 1.5 | <.010 | .010 | .00 | .020 | -- | .00 |
| | Aug. 28, 1980 | 1.7 | .000 | .000 | .30 | .010 | -- | -- |
| | Aug. 18, 1981 | 1.6 | .000 | .040 | .62 | .010 | -- | -- |
| 406 | July 5, 1978 | 3.3 | .010 | <.010 | .61 | <.010 | -- | -- |
| | July 10, 1979 | 6.4 | <.010 | <.010 | .02 | .020 | -- | .10 |
| | Aug. 28, 1980 | 4.7 | .000 | .000 | .32 | .000 | -- | -- |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| Travis County--Continued | | | | | | | | | | | |
|--------------------------|----------------|------|---|-----------------------------|--------------------------------|---|------------------------------|------------|---------------------|---------------------------|--|
| WELL | DATE OF SAMPLE | TIME | PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) | DEPTH OF WELL, TOTAL (FEET) | FLOW RATE, INSTANTANEOUS (GPM) | DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) | SPECIFIC CONDUCTANCE (UMHOS) | PH (UNITS) | TEMPERATURE (DEG C) | OXYGEN, DIS-SOLVED (MG/L) | |
| YD 58-50-406 | Aug. 11, 1981 | 0925 | 20 | 360 | 15 | -- | 621 | 7.2 | 25.0 | -- | |
| 408 | June 28, 1978 | 1255 | 60 | 439 | -- | 185.00 | 620 | 7.2 | 24.0 | 5.5 | |
| | July 10, 1979 | 1340 | 20 | 439 | -- | 180.60 | 620 | 6.6 | 24.0 | -- | |
| | Aug. 28, 1980 | 1145 | 20 | -- | 15 | 198.30 | 686 | 7.2 | 23.0 | 6.1 | |
| | Aug. 11, 1981 | 1055 | 20 | 439 | 15 | -- | 595 | 7.2 | 25.0 | -- | |
| 409 | July 5, 1978 | 0900 | 1440 | 450 | -- | 1780.00 | 800 | 7.0 | 24.0 | .3 | |
| | July 12, 1979 | 0930 | 20 | 450 | -- | -- | 780 | 7.0 | 24.0 | -- | |
| | Sept. 4, 1980 | 1352 | 20 | -- | -- | 286.00 | 778 | 7.3 | 27.5 | -- | |
| 412 | Aug. 11, 1981 | 0950 | 15 | 295 | -- | 152.30 | 531 | 7.2 | 25.0 | -- | |
| 502 | July 5, 1978 | 1100 | 120 | 300 | -- | 244.00 | 560 | 7.1 | 23.0 | 3.2 | |
| | July 11, 1979 | 1400 | 20 | 300 | -- | 184.00 | 580 | 6.6 | 23.0 | -- | |
| | Sept. 8, 1980 | 1330 | 20 | -- | 15 | 242.00 | 559 | 7.1 | 25.0 | -- | |
| | Aug. 11, 1981 | 1440 | 20 | 300 | -- | 187.60 | 589 | 7.2 | 24.0 | -- | |
| 704 | July 5, 1978 | 1315 | 20 | 345 | 750 | 197.00 | 540 | 7.0 | -- | 6.8 | |
| | July 5, 1979 | 0745 | 20 | 345 | 750 | 132.00 | 540 | 7.0 | 22.0 | -- | |
| | Aug. 28, 1980 | 1245 | 60 | -- | -- | 176.00 | 570 | 7.1 | 22.0 | 6.0 | |
| | Aug. 11, 1981 | 1345 | 15 | 455 | -- | -- | 537 | 7.1 | 24.0 | -- | |
| 810 | July 10, 1978 | 0940 | -- | 359 | 15 | 60.00 | 700 | 6.2 | 23.5 | .3 | |
| | July 5, 1979 | 1005 | 20 | 359 | 15 | -- | 799 | 7.4 | 23.0 | -- | |
| | Aug. 28, 1980 | 1330 | 60 | -- | -- | -- | 826 | 7.5 | 23.5 | 6.1 | |
| | Aug. 11, 1981 | 1305 | 60 | 359 | -- | -- | 788 | 7.3 | 25.0 | -- | |

| WELL | DATE OF SAMPLE | OXYGEN, DIS-SOLVED (PERCENT SATURATION) | COLIFORM, TOTAL, IMMED. (COLS PER 100 ML) | COLIFORM, FECAL, 0.7 UM-F (COLS./100 ML) | STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) | HARDNESS, NONCARBONATE (MG/L AS CaCO3) | HARDNESS, CARBONATE (MG/L AS CaCO3) | CALCIUM DIS-SOLVED (MG/L AS Ca) | MAGNESIUM, DIS-SOLVED (MG/L AS Mg) | SODIUM, DIS-SOLVED (MG/L AS Na) |
|--------------|----------------|---|---|--|---|--|-------------------------------------|---------------------------------|------------------------------------|---------------------------------|
| YD 58-50-406 | Aug. 11, 1981 | -- | <1 | <1 | 39 | 310 | 38 | 82 | 25 | 16 |
| 408 | June 28, 1978 | -- | 30 | <1 | 10 | 330 | 31 | 73 | 35 | 7.4 |
| | July 10, 1979 | -- | 68 | <1 | 11 | 340 | 49 | 77 | 35 | 7.6 |
| | Aug. 28, 1980 | 72 | K4 | <1 | <1 | 340 | 45 | 78 | 35 | 8.0 |
| | Aug. 11, 1981 | -- | 2100 | <1 | K4 | 320 | 15 | 75 | 31 | 7.5 |
| 409 | July 5, 1978 | -- | <1 | <1 | <1 | 410 | 140 | 77 | 52 | 5.9 |
| | July 12, 1979 | -- | 16 | <1 | <1 | 440 | 180 | 80 | 58 | 6.5 |
| | Sept. 4, 1980 | -- | K9 | <1 | <1 | 380 | 130 | 73 | 48 | 6.3 |
| 412 | Aug. 11, 1981 | -- | K1 | <1 | <1 | 280 | 3 | 82 | 19 | 4.6 |
| 502 | July 5, 1978 | -- | 1 | <1 | <1 | -- | -- | -- | -- | -- |
| | July 11, 1979 | -- | 1 | <1 | 1 | 310 | 44 | 88 | 21 | 7.8 |
| | Sept. 8, 1980 | -- | K1 | <1 | <1 | 300 | 16 | 72 | 28 | 6.1 |
| | Aug. 11, 1981 | -- | K8 | <1 | K1 | 300 | 22 | 88 | 20 | 8.1 |
| 704 | July 5, 1978 | -- | 10 | <1 | <1 | -- | -- | -- | -- | -- |
| | July 5, 1979 | -- | 20 | <1 | 1 | 280 | 20 | 85 | 17 | 8.3 |
| | Aug. 28, 1980 | 69 | K8 | <1 | <1 | 280 | 13 | 79 | 19 | 6.3 |
| | Aug. 11, 1981 | -- | K17 | <1 | K10 | 280 | 9 | 82 | 18 | 6.5 |
| 810 | July 10, 1978 | -- | 20 | <1 | <1 | 300 | 65 | 62 | 34 | 32 |
| | July 5, 1979 | -- | <1 | <1 | <1 | 300 | 84 | 63 | 34 | 44 |
| | Aug. 28, 1980 | 73 | <1 | <1 | K9 | 300 | 74 | 64 | 35 | 50 |
| | Aug. 11, 1981 | -- | K4 | <1 | K4 | 300 | 59 | 62 | 35 | 45 |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

Travis County--Continued

| WELL | DATE OF SAMPLE | SODIUM AD-SORPTION RATIO | POTASSIUM SOLVED (MG/L AS K) | BICARBONATE FET-FLD (MG/L AS HCO3) | CARBONATE FET-FLD (MG/L AS CO3) | SULFATE DIS-SOLVED (MG/L AS SO4) | CHLORIDE, DIS-SOLVED (MG/L AS CL) | FLUORIDE, DIS-SOLVED (MG/L AS F) | SILICA, DIS-SOLVED (MG/L AS SiO2) | SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) |
|------|----------------|--------------------------|------------------------------|------------------------------------|---------------------------------|----------------------------------|-----------------------------------|----------------------------------|-----------------------------------|--|
| | | | | | | | | | | |
| 408 | June 28, 1978 | .2 | 1.5 | 360 | 0 | 48 | 15 | .3 | 11 | 369 |
| | July 10, 1979 | .2 | 1.2 | 350 | 0 | 36 | 15 | .2 | 13 | 358 |
| | Aug. 28, 1980 | .2 | 1.2 | 360 | 0 | 53 | 15 | .3 | 14 | 382 |
| | Aug. 11, 1981 | .2 | .8 | -- | -- | 9.0 | 16 | .1 | 14 | 334 |
| 409 | July 5, 1978 | .1 | 4.2 | 320 | 0 | 160 | 7.3 | 1.1 | 15 | 481 |
| | July 12, 1979 | .1 | 4.6 | 320 | 0 | 200 | 7.6 | 1.1 | 12 | 528 |
| | Sept. 4, 1980 | .1 | 4.1 | 310 | 0 | 170 | 8.1 | 1.0 | 13 | 477 |
| 412 | Aug. 11, 1981 | .1 | .8 | -- | -- | <1.0 | 7.9 | .1 | 13 | 296 |
| 502 | July 5, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | July 11, 1979 | .2 | 1.1 | 320 | 0 | 22 | 15 | .3 | 11 | 324 |
| | Sept. 8, 1980 | .2 | 1.1 | 340 | 0 | 20 | 11 | -- | 11 | 317 |
| | Aug. 11, 1981 | .2 | 1.1 | -- | -- | 13 | 17 | .2 | 13 | 329 |
| 704 | July 5, 1978 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | July 5, 1979 | .2 | 1.0 | 320 | 0 | 18 | 11 | .2 | 12 | 310 |
| | Aug. 28, 1980 | .2 | .9 | 320 | 0 | 12 | 11 | .2 | 11 | 297 |
| | Aug. 11, 1981 | .2 | .8 | -- | -- | 10 | 11 | .1 | 12 | 303 |
| 810 | July 10, 1978 | .8 | 3.0 | 280 | 0 | 110 | 28 | 1.9 | 14 | 423 |
| | July 5, 1979 | 1.1 | 3.8 | 260 | 0 | 140 | 23 | 2.1 | 12 | 450 |
| | Aug. 28, 1980 | 1.2 | 4.2 | 280 | 0 | 140 | 38 | 2.3 | 12 | 484 |
| | Aug. 11, 1981 | 1.3 | 3.8 | -- | -- | 150 | 34 | 2.0 | 12 | 488 |

| WELL | DATE OF SAMPLE | NITROGEN, NITRATE TOTAL (MG/L AS N) | NITROGEN, NITRITE TOTAL (MG/L AS N) | NITROGEN, AMMONIA TOTAL (MG/L AS N) | NITROGEN, ORGANIC TOTAL (MG/L AS N) | PHOSPHORUS, TOTAL (MG/L AS P) | TRITIUM IN WATER MOLECULES (TU) | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) |
|------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------|---------------------------------|--|
| | | | | | | | | |
| 408 | June 28, 1978 | .71 | .010 | <.010 | .78 | .010 | -- | -- |
| | July 10, 1979 | 1.1 | .020 | .030 | .07 | .010 | -- | .00 |
| | Aug. 28, 1980 | .10 | .000 | .020 | .30 | .000 | -- | -- |
| | Aug. 11, 1981 | .88 | .000 | .120 | .88 | .010 | -- | -- |
| 409 | July 5, 1978 | .04 | .010 | <.010 | .00 | <.010 | 0 | -- |
| | July 12, 1979 | .02 | <.010 | .100 | .01 | <.010 | -- | .00 |
| | Sept. 4, 1980 | .00 | .050 | .060 | .40 | .010 | -- | -- |
| 412 | Aug. 11, 1981 | 1.5 | .000 | .110 | .87 | .010 | -- | -- |
| 502 | July 5, 1978 | .79 | .010 | <.010 | .05 | <.010 | -- | -- |
| | July 11, 1979 | 2.1 | .020 | .030 | .12 | .010 | -- | .00 |
| | Sept. 8, 1980 | .85 | .010 | .000 | .36 | .020 | -- | -- |
| | Aug. 11, 1981 | 1.8 | .000 | .070 | 1.4 | .010 | -- | -- |
| 704 | July 5, 1978 | 1.2 | .010 | <.010 | .10 | <.010 | -- | -- |
| | July 5, 1979 | 1.1 | <.010 | .010 | .00 | .010 | -- | .00 |
| | Aug. 28, 1980 | 1.3 | .000 | .000 | .56 | .010 | -- | -- |
| | Aug. 11, 1981 | .89 | .000 | .070 | .46 | .010 | -- | -- |
| 810 | July 10, 1978 | .03 | .010 | <.010 | .09 | <.010 | 1.3 | -- |
| | July 5, 1979 | .09 | <.010 | .050 | .00 | .010 | -- | .00 |
| | Aug. 28, 1980 | .00 | .000 | .110 | .47 | .000 | -- | -- |
| | Aug. 11, 1981 | .00 | .000 | .140 | .79 | .010 | -- | -- |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| Travis County--Continued | | | | | | | | | | | | | |
|--------------------------|----------------|------|------|-----------------------------|--------------------------------|---|---------------------------------|-----|---------------------------------|-----|-----------------------------------|---------------------------------|-------------------------------|
| WELL | DATE OF SAMPLE | | TIME | DEPTH OF WELL, TOTAL (FEET) | FLOW RATE, INSTANTANEOUS (GPM) | PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) | ARSENIC DIS-SOLVED (UG/L AS AS) | | CADMIUM DIS-SOLVED (UG/L AS CD) | | CHROMIUM, DIS-SOLVED (UG/L AS CR) | COPPER, DIS-SOLVED (UG/L AS CU) | IRON, DIS-SOLVED (UG/L AS FE) |
| | | | | | | | | | | | | | |
| YD 58-35-415 | June 21, 1978 | 1130 | 112 | -- | 60 | <1 | ND | ND | 3 | 20 | | | |
| | Aug. 4, 1981 | 1330 | 112 | -- | 20 | 1 | <1 | 10 | <10 | <10 | | | |
| 906 | June 23, 1978 | 0950 | 600 | 15 | 60 | <1 | ND | ND | ND | 20 | | | |
| 36-402 | June 27, 1978 | 0900 | 610 | 15 | 15 | <1 | <2 | ND | 2 | <10 | | <10 | |
| | Aug. 4, 1981 | 1410 | 610 | 15 | 30 | 0 | <1 | 0 | <10 | <10 | | <10 | |
| 42-608 | July 19, 1978 | 1150 | 145 | -- | 15 | 2 | ND | ND | ND | 20 | | | |
| | Aug. 5, 1981 | 1415 | 145 | -- | 20 | 1 | <1 | 0 | <10 | <10 | | | |
| 913 | June 26, 1978 | 1310 | 180 | -- | 15 | <1 | ND | ND | 13 | 20 | | | |
| 43-206 | July 19, 1978 | 0940 | 400 | 15 | 60 | 1 | ND | ND | ND | <10 | | <10 | |
| | Aug. 10, 1981 | 1050 | 400 | 15 | 20 | 0 | <1 | 0 | <10 | 11 | | | |
| 50-211 | June 27, 1978 | 1220 | -- | -- | -- | 1 | 0 | 0 | 11 | 20 | | | |
| | Aug. 10, 1981 | 1340 | 282 | -- | 60 | 0 | <1 | 0 | <10 | <10 | | | |
| 215 | Aug. 8, 1978 | 0750 | 360 | 25 | 30 | 1 | <2 | ND | 4 | <10 | | <10 | |
| | Aug. 10, 1981 | 1407 | 360 | -- | 60 | 0 | <1 | 0 | <10 | <10 | | <10 | |
| | Oct. 7, 1981 | 1420 | -- | -- | -- | 1 | 0 | 0 | 2 | 10 | | | |
| | Oct. 8, 1981 | 1130 | -- | -- | -- | 1 | 0 | 0 | 1 | 30 | | | |
| 408 | Aug. 11, 1981 | 1055 | 439 | 15 | 20 | 0 | <1 | 20 | <10 | <10 | | | |
| 409 | July 5, 1978 | 0900 | 450 | -- | 1440 | 3 | ND | <20 | ND | 100 | | | |
| 810 | July 10, 1978 | 0940 | 359 | 15 | -- | 2 | <2 | ND | ND | 20 | | | |

| WELL | DATE OF SAMPLE | | LEAD, DIS-SOLVED (UG/L AS PB) | MANGANESE, DIS-SOLVED (UG/L AS MN) | MERCURY DIS-SOLVED (UG/L AS HG) | ZINC, DIS-SOLVED (UG/L AS ZN) |
|--------------|----------------|-----|-------------------------------|------------------------------------|---------------------------------|-------------------------------|
| | | | | | | |
| YD 58-35-415 | June 21, 1978 | ND | <10 | <.1 | 20 | |
| | Aug. 4, 1981 | <10 | <1 | .0 | 3 | |
| 906 | June 23, 1978 | 2 | 5 | <.1 | 360 | |
| 36-402 | June 27, 1978 | <2 | 5 | <.1 | <20 | |
| | Aug. 4, 1981 | <10 | <1 | .0 | 62 | |
| 42-608 | July 19, 1978 | ND | <10 | <.1 | 40 | |
| | Aug. 5, 1981 | <10 | <1 | .0 | 20 | |
| 913 | June 26, 1978 | ND | <10 | <.1 | 190 | |
| 43-206 | July 19, 1978 | ND | <10 | <.1 | 120 | |
| | Aug. 10, 1981 | <10 | 2 | .0 | 34 | |
| 50-211 | June 27, 1978 | 4 | 5 | .7 | 240 | |
| | Aug. 10, 1981 | <10 | 1 | .1 | 95 | |
| 215 | Aug. 8, 1978 | 6 | <1 | <.1 | 340 | |
| | Aug. 10, 1981 | <10 | 3 | .0 | 17 | |
| | Oct. 7, 1981 | 2 | 0 | 0 | 50 | |
| | Oct. 8, 1981 | 7 | 0 | .0 | 150 | |
| 408 | Aug. 11, 1981 | <10 | <1 | .0 | 270 | |
| 409 | July 5, 1978 | 2 | <10 | <.1 | <20 | |
| 810 | July 10, 1978 | 2 | <10 | <.1 | 20 | |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Travis County--Continued</u> | | | | | | | | | | | |
|---------------------------------|----------------------|------|----------------------------|------------------------------------|-------------------------|-------------------------|-------------------------|-----------------------------------|----------------------------------|-------------------------------------|--|
| WELL | DATE OF SAMPLE | TIME | ALDRIN, TOTAL (UG/L) | CHLOR- DANE, TOTAL (UG/L) | DDD, TOTAL (UG/L) | DDE, TOTAL (UG/L) | DDT, TOTAL (UG/L) | DI- AZINON, TOTAL (UG/L) | DI- ELDRIN TOTAL (UG/L) | ENDO- SULFAN, TOTAL (UG/L) | |
| YD 58-35-415 | June 21, 1978 | 1130 | .00 | .00 | .00 | .00 | .00 | .02 | .00 | .00 | |
| | Aug. 4, 1981 | 1330 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| 906 | June 23, 1978 | 0950 | .00 | .00 | .00 | .00 | .00 | .02 | .00 | .00 | |
| 36-402 | June 27, 1978 | 0900 | .00 | .00 | .00 | .00 | .00 | .02 | .00 | .00 | |
| | Aug. 4, 1981 | 1410 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| 42-608 | July 19, 1978 | 1150 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| | Aug. 5, 1981 | 1415 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| 913 | June 26, 1978 | 1310 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| 43-206 | July 19, 1978 | 0940 | .00 | .00 | .00 | .00 | .00 | .02 | .00 | .00 | |
| | Aug. 10, 1981 | 1050 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| 50-211 | June 27, 1978 | 1220 | .00 | .00 | .00 | .00 | .00 | .00 | -- | .00 | |
| | Aug. 10, 1981 | 1340 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| 215 | Aug. 8, 1978 | 0750 | .00 | .00 | .00 | .00 | .00 | .04 | .00 | .00 | |
| | Aug. 10, 1981 | 1407 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| 408 | Aug. 11, 1981 | 1055 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| 409 | July 5, 1978 | 0900 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| 810 | July 10, 1978 | 0940 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |
| | Aug. 11, 1981 | 1305 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | |

| WELL | DATE OF SAMPLE | ENDRIN, TOTAL (UG/L) | PARA- THION, TOTAL (UG/L) | TOTAL TRI- THION (UG/L) | ETHION, TOTAL (UG/L) | HEPTA- CHLOR EPOXIDE TOTAL (UG/L) | HEPTA- CHLOR, TOTAL (UG/L) | LINDANE TOTAL (UG/L) | MALA- THION, TOTAL (UG/L) | METHYL PARA- THION, TOTAL (UG/L) |
|--------------|----------------------|----------------------------|------------------------------------|----------------------------------|----------------------------|---|-------------------------------------|----------------------------|------------------------------------|--|
| YD 58-35-415 | June 21, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | Aug. 4, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 906 | June 23, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 36-402 | June 27, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | Aug. 4, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 42-608 | July 19, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | Aug. 5, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 913 | June 26, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 43-206 | July 19, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | Aug. 10, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 50-211 | June 27, 1978 | -- | .00 | .00 | .00 | .00 | -- | .00 | .00 | .00 |
| | Aug. 10, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 215 | Aug. 8, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | Aug. 10, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 408 | Aug. 11, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 409 | July 5, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 810 | July 10, 1978 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | Aug. 11, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

Table 5.--Water-quality Data for Selected Wells and Springs in Hays and Travis Counties--Continued

| <u>Travis County--Continued</u> | | | | | | | | | | |
|---------------------------------|--------------------------------|------------------------------|---------------------|-------------------|---------------------------------------|-----------------------|----------------------|-------------------------|---------------------|----------------------|
| WELL | DATE OF SAMPLE | METHYL TRITHION TOTAL (UG/L) | MIREX, TOTAL (UG/L) | PCB, TOTAL (UG/L) | NAPHTHALENES, POLYCHLOR. TOTAL (UG/L) | PERTHANE TOTAL (UG/L) | SILVEX, TOTAL (UG/L) | TOXAPHENE, TOTAL (UG/L) | 2,4-D, TOTAL (UG/L) | 2,4,5-T TOTAL (UG/L) |
| YD 58-35-415 | June 21, 1978 Aug. 4, 1981 | .00 .00 | .00 .00 | .00 .00 | .00 .00 | -- .00 | .00 .00 | 0 0 | .00 .00 | .00 .00 |
| 906 | June 23, 1978 | .00 | .00 | .00 | .00 | -- | .00 | 0 | .00 | .00 |
| 36-402 | June 27, 1978 Aug. 4, 1981 | .00 .00 | .00 .00 | .00 .00 | .00 .00 | -- .00 | .00 .00 | 0 0 | .00 .00 | .00 .00 |
| 42-608 | July 19, 1978 Aug. 5, 1981 | .00 .00 | .00 .00 | .00 .00 | .00 .00 | -- .00 | .00 .00 | 0 0 | .00 .00 | .00 .00 |
| 913 | June 26, 1978 | .00 | .00 | .00 | .00 | -- | .00 | 0 | .00 | .00 |
| 43-206 | July 19, 1978 Aug. 10, 1981 | .00 .00 | .00 .00 | .00 .00 | .00 .00 | -- .00 | .00 .00 | 0 0 | .00 .00 | .00 .00 |
| 50-211 | June 27, 1978 Aug. 10, 1981 | .00 .00 | .00 .00 | .00 .00 | .00 .00 | .00 .00 | .00 .00 | 0 0 | .00 .00 | .00 .00 |
| 215 | Aug. 8, 1978 Aug. 10, 1981 | .00 .00 | .00 .00 | .00 .00 | .00 .00 | -- .00 | .00 .00 | 0 0 | .00 .00 | .00 .00 |
| 408 | Aug. 11, 1981 | .00 | .00 | .00 | .00 | .00 | .00 | 0 | .00 | .00 |
| 409 | July 5, 1978 | .00 | .00 | .00 | .00 | -- | .00 | 0 | .00 | .00 |
| 810 | July 10, 1978 Aug. 11, 1981 | .00 .00 | .00 .00 | .00 .00 | .00 .00 | -- .00 | .00 .00 | 0 0 | .00 .00 | .00 .00 |

| WELL | DATE OF SAMPLE | TIME | GROSS ALPHA DIS-SOLVED (PCI/L AS U-NAT) | GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) | GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT) | GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT) | GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) | GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137) | GROSS BETA, DIS-SOLVED (AS SR/ YT-90) | GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90) |
|--------------|----------------|------|---|---|---|--|--|---|---------------------------------------|--|
| YD 58-35-415 | Aug. 25, 1980 | 0955 | <5.0 | <.3 | <7.3 | <.4 | <5.7 | <.4 | <5.4 | <.4 |
| 701 | Aug. 10, 1981 | 1130 | 5.4 | -- | 7.9 | .4 | <4.5 | .4 | 4.2 | .4 |
| 804 | Aug. 5, 1981 | 1035 | -- | -- | <15 | <.5 | <6.1 | .9 | <5.9 | .8 |
| 36-402 | Aug. 25, 1980 | 1330 | <4.1 | <.3 | <6.1 | <.4 | <2.8 | <.4 | <2.6 | <.4 |
| 42-608 | Aug. 27, 1980 | 1330 | <3.8 | <.3 | <5.6 | <.4 | 4.3 | <.4 | 4.2 | <.4 |
| 43-206 | Aug. 26, 1980 | 1300 | 12 | <.3 | 17 | <.4 | 6.7 | <.4 | 6.4 | <.4 |
| | Jan. 13, 1981 | 0930 | 9.5 | .3 | 14 | <.4 | <4.0 | <.4 | <3.9 | <.4 |
| 50-215 | Aug. 28, 1980 | 0930 | <4.2 | <.3 | <6.2 | <.4 | <3.9 | <.4 | <3.7 | <.4 |
| 408 | Aug. 28, 1980 | 1145 | <4.1 | <.3 | <6.0 | <.4 | <2.5 | <.4 | <2.3 | <.4 |
| 810 | Aug. 28, 1980 | 1330 | 10 | <.3 | 15 | <.4 | <5.6 | <.4 | <5.4 | <.4 |

| WELL | DATE OF SAMPLE | RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L) | URANIUM NATURAL DIS-SOLVED (UG/L AS U) | URANIUM DIS-SOLVED, EXTRAC-TION (UG/L) |
|--------------|----------------|--|--|--|
| YD 58-35-415 | Aug. 25, 1980 | .27 | -- | 1.1 |
| 701 | Aug. 10, 1981 | 1.2 | -- | .43 |
| 804 | Aug. 5, 1981 | 2.5 | 6.9 | .90 |
| 36-402 | Aug. 25, 1980 | .24 | -- | .80 |
| 42-608 | Aug. 27, 1980 | .15 | -- | 1.1 |
| 43-206 | Aug. 26, 1980 | 3.2 | -- | .03 |
| | Jan. 13, 1981 | 2.6 | -- | .02 |
| 50-215 | Aug. 28, 1980 | .34 | -- | 1.3 |
| 408 | Aug. 28, 1980 | .33 | -- | 1.1 |
| 810 | Aug. 28, 1980 | 2.0 | -- | .40 |

Table 6.--Chemical Analysis of Water from Selected Wells and Springs in Williamson and Bell Counties

Analyses given are in milligrams per liter except percent sodium, specific conductance, ph, sodium adsorption ratio (SAR), and residual sodium carbonate (RSC)
 Aquifer : Kceb, Edwards Limestone and associated limestones (Balcones fault zone aquifer); Kcgr, Glen Rose Formation; Kcho, Hosston Formation
 Dissolved solids: The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.
 Analyses by Texas State Department of Health unless indicated by footnote.

| Well | Aquifer | Depth of well or sampled interval (ft) | Date of collection | Silica (SiO ₂) | Iron (Fe) | Calcium (Ca) | Magnesium (Mg) | Sodium (Na) | Potassium (K) | Bicarbonate (HCO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Boron (B) | Dissolved solids | Total hardness as CaCO ₃ | Specific conductance (micromhos at 25°C) | pH | Percent sodium | Sodium adsorption ratio (SAR) | Residual sodium carbonate (RSC) |
|--------------------------|---------|--|--------------------|----------------------------|-----------|--------------|----------------|-------------|---------------|---------------------------------|----------------------------|---------------|--------------|----------------------------|-----------|------------------|-------------------------------------|--|-----|----------------|-------------------------------|---------------------------------|
| <u>Williamson County</u> | | | | | | | | | | | | | | | | | | | | | | |
| ZK-58-11-201 | Kcgr | 150 | July 6, 1978 | 11 | -- | 51 | 50 | 402 | -- | 397 | 551 | 214 | 4.9 | 9.0 | -- | 1,488 | 335 | 1,850 | 8.3 | 72.42 | 9.5 | 0.0 |
| 502 | Kcgr | 500 | May 13, 1976 | 11 | -- | 52 | 39 | 441 | 25.0 | 475 | 620 | 148 | 5.8 | 1.0 | -- | 1,576 | 289 | 2,240 | 7.7 | 74.86 | 11.2 | 1.9 |
| 502 | Kcgr | 500 | Aug. 21, 1980 | 11 | -- | 41 | 44 | 453 | 26.0 | 472 | 666 | 157 | 6.1 | .1 | -- | 1,636 | 281 | 1,840 | 8.4 | 75.68 | 11.7 | 2.0 |
| 701 | Kceb | 150 | July 26, 1972 | 12 | -- | 65 | 38 | 6 | 2.0 | 371 | 7 | 10 | 1.1 | 4.0 | -- | 327 | 319 | 556 | 7.6 | 3.90 | .1 | .0 |
| 701 | Kceb | 150 | July 6, 1978 | 10 | -- | 71 | 37 | 11 | -- | 390 | 13 | 12 | 1.1 | 1.6 | -- | 348 | 331 | 560 | 8.5 | 6.77 | .2 | .0 |
| 703 | Kceb | 150 | Aug. 21, 1980 | 15 | -- | 64 | 33 | 12 | -- | 333 | 10 | 21 | .2 | 8.1 | -- | 327 | 295 | 526 | 8.0 | 8.11 | .3 | .0 |
| 802 | Kceb | 150 | July 22, 1972 | 12 | -- | 98 | 17 | 6 | 1.0 | 346 | 7 | 11 | .1 | 21.0 | -- | 343 | 315 | 570 | 7.6 | 3.96 | .1 | .0 |
| 802 | Kceb | 150 | July 6, 1978 | 9 | -- | 99 | 18 | 7 | -- | 357 | 7 | 15 | .2 | 11.0 | -- | 341 | 321 | 555 | 7.6 | 4.52 | .1 | .0 |
| 802 | Kceb | 150 | Aug. 13, 1980 | 10 | -- | 106 | 11 | 6 | -- | 349 | 7 | 11 | .1 | 15.7 | -- | 338 | 310 | 539 | 7.8 | 4.04 | .1 | .0 |
| 901 | Kceb | 110 | July 22, 1972 | 10 | -- | 89 | 15 | 9 | 1.0 | 293 | 16 | 17 | .3 | 22.0 | -- | 323 | 285 | 543 | 7.6 | 6.42 | .2 | .0 |
| 901 | Kceb | 110 | July 6, 1978 | 10 | -- | 81 | 14 | 11 | -- | 265 | 18 | 18 | .3 | 28.0 | -- | 310 | 258 | 497 | 7.9 | 8.43 | .2 | .0 |
| 901 | Kceb | 110 | Aug. 13, 1980 | 10 | -- | 98 | 13 | 10 | -- | 304 | 17 | 17 | .3 | 32.4 | -- | 347 | 296 | 550 | 7.6 | 6.80 | .2 | .0 |
| 902 | Kceb | 170 | May 10, 1976 | 9 | -- | 95 | 14 | 7 | -- | 320 | 13 | 13 | .2 | 21.0 | -- | 329 | 296 | 546 | 7.8 | 4.91 | .1 | .0 |
| 902 | Kceb | 170 | Aug. 13, 1980 | 10 | -- | 100 | 12 | 8 | -- | 325 | 13 | 12 | .2 | 18.7 | -- | 333 | 299 | 525 | 7.8 | 5.50 | .2 | .0 |
| 12-401 | Kceb | 615 | June 11, 1940 | -- | -- | 78 | 26 | 168 | 12.0 | 542 | 16 | 16 | .6 | 6.8 | -- | 589 | 301 | -- | -- | 53.55 | 4.2 | 2.8 |
| 401 | Kceb | 615 | Mar. 20, 1941 | -- | -- | 78 | 26 | 12 | -- | 342 | 12 | 16 | .6 | 8.8 | -- | 321 | 301 | -- | -- | 7.96 | .3 | .0 |
| 404 | Kceb | 400 | June 6, 1966 | -- | -- | 74 | 23 | 12 | -- | 312 | 15 | 18 | .6 | 14.0 | -- | 310 | -- | 594 | 7.6 | 8.54 | .3 | .0 |
| 404 | Kceb | 400 | Aug. 22, 1973 | 10 | -- | 78 | 21 | 11 | -- | 320 | 15 | 14 | .7 | 18.0 | -- | 325 | 284 | 552 | 7.4 | 7.84 | .2 | .0 |
| 404 | Kceb | 400 | July 30, 1974 | 9 | -- | 76 | 24 | 11 | -- | 318 | 16 | 14 | .8 | 17.0 | -- | 324 | 289 | 547 | 7.7 | 7.66 | .2 | .0 |
| 405 | Kceb | 400 | Aug. 13, 1980 | 10 | -- | 46 | 24 | 49 | -- | 255 | 59 | 31 | 3.2 | .1 | -- | 347 | 213 | 568 | 8.0 | 33.30 | 1.4 | .0 |
| 407 | Kceb | 390 | July 7, 1978 | 10 | -- | 77 | 18 | 10 | -- | 284 | 15 | 14 | .4 | 16.0 | -- | 300 | 266 | 480 | 7.8 | 7.55 | .2 | .0 |
| 408 | Kceb | 480 | July 10, 1978 | 13 | -- | 38 | 20 | 113 | -- | 306 | 91 | 54 | 4.2 | < .4 | -- | 484 | 177 | 764 | 7.9 | 58.12 | 3.6 | 1.4 |
| 408 | Kceb | 480 | Aug. 13, 1980 | 14 | -- | 37 | 19 | 116 | 6.0 | 304 | 92 | 58 | 4.2 | < .1 | -- | 495 | 170 | 745 | 8.2 | 58.61 | 3.8 | 1.5 |
| 502 | Kceb | 610 | July 7, 1978 | 14 | -- | 46 | 20 | 105 | -- | 348 | 65 | 52 | 4.3 | < .4 | -- | 477 | 198 | 740 | 7.9 | 53.68 | 3.2 | 1.7 |
| 502 | Kceb | 610 | Aug. 13, 1980 | 15 | -- | 36 | 18 | 108 | -- | 311 | 61 | 53 | 4.3 | .1 | -- | 448 | 166 | 686 | 7.8 | 58.91 | 3.6 | 1.8 |
| 601 | Kceb | 1,041 | Aug. 7, 1940 | -- | -- | 34 | 19 | 292 | -- | 378 | 202 | 184 | 5.4 | 3.5 | -- | 926 | 162 | -- | -- | 79.58 | 9.9 | 2.9 |
| 601 | Kceb | 1,041 | Feb. 28, 1955 | 27 | 3.4 | 30 | 17 | 296 | -- | 390 | 203 | 161 | .1 | 4.0 | -- | 963 | 145 | -- | 7.8 | 81.64 | 10.7 | 3.4 |

Table 6.--Chemical Analysis of Water from Selected Wells and Springs in Williamson and Bell Counties--Continued

| Well | Aquifer | Depth of well or sampled interval (ft) | Date of collection | Silica (SiO ₂) | Iron (Fe) | Calcium (Ca) | Magnesium (Mg) | Sodium (Na) | Potassium (K) | Bicarbonate (HCO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Boron (B) | Dissolved solids | Total hardness as CaCO ₃ | Specific conductance (microhmhos at 25°C) | pH | Percent sodium | Sodium adsorption ratio (SAR) | Residual sodium carbonate (RSC) |
|--------------|---------|--|--------------------|----------------------------|-----------|--------------|----------------|-------------|---------------|---------------------------------|----------------------------|---------------|--------------|----------------------------|-----------|------------------|-------------------------------------|---|-----|----------------|-------------------------------|---------------------------------|
| ZK-58-12-601 | Kceb | 1,061 | Mar. 19, 1980 | 8 | -- | 31 | 14 | 344 | 10.0 | 381 | 260 | 212 | 5.3 | 2.7 | -- | 1,074 | 135 | 1,410 | 8.3 | 83.51 | 12.8 | 3.5 |
| 701 | Kceb | 500 | Aug. 12, 1980 | 14 | -- | 44 | 19 | 99 | -- | 290 | 81 | 47 | 4.1 | .1 | -- | 452 | 189 | 680 | 8.5 | 53.40 | 3.1 | .9 |
| 703 | Kceb | 440 | Aug. 13, 1980 | 12 | -- | 55 | 28 | 29 | -- | 288 | 33 | 27 | 3.1 | <.1 | -- | 328 | 252 | 534 | 7.9 | 19.99 | .7 | .0 |
| 801 | Kceb | 580 | Aug. 12, 1980 | 14 | -- | 38 | 18 | 94 | -- | 288 | 57 | 40 | 3.9 | 1.4 | -- | 407 | 169 | 631 | 8.7 | 54.77 | 3.1 | 1.3 |
| 13-501 | Kceb | 1,320 | Feb. 5, 1961 | 13 | -- | 17 | 15 | 632 | -- | 432 | 542 | 360 | 7.2 | .0 | -- | 1,798 | 104 | -- | 8.5 | 92.96 | 26.9 | 4.9 |
| 501 | Kceb | 1,320 | July 10, 1978 | 5 | -- | 3 | 1 | 543 | -- | 370 | 335 | 296 | 7.3 | <.4 | -- | 1,372 | 14 | 2,000 | 9.5 | 99.02 | 69.3 | 5.8 |
| 19-201 | Kceb | 113 | July 22, 1972 | 9 | -- | 103 | 23 | 11 | 1.0 | 362 | 19 | 17 | .3 | 37.0 | -- | 398 | 352 | 657 | 7.4 | 6.35 | .2 | .0 |
| 201 | Kceb | 113 | Aug. 21, 1978 | 10 | -- | 108 | 20 | 12 | -- | 366 | 24 | 17 | .2 | 30.0 | -- | 401 | 351 | 630 | 8.1 | 6.90 | .2 | .0 |
| 201 | Kceb | 113 | Aug. 22, 1980 | 10 | -- | 87 | 19 | 15 | -- | 298 | 27 | 18 | .2 | 37.4 | -- | 360 | 295 | 556 | 7.9 | 9.95 | .3 | .0 |
| 204 | Kceb | 126 | Aug. 13, 1980 | 10 | -- | 117 | 11 | 6 | -- | 381 | 10 | 10 | .2 | 16.4 | -- | 367 | 339 | 526 | 7.9 | 3.72 | .1 | .0 |
| 301 | Kceb | -- | July 15, 1972 | 10 | -- | 99 | 22 | 29 | -- | 306 | 76 | 34 | 1.6 | 26.0 | -- | 448 | 336 | 685 | 7.4 | 15.74 | .6 | .0 |
| 301 | Kceb | -- | July 14, 1978 | 10 | -- | 73 | 25 | 24 | -- | 294 | 58 | 24 | 2.3 | <.4 | -- | 361 | 285 | 578 | 8.1 | 15.48 | .6 | .0 |
| 301 | Kceb | -- | Mar. 19, 1980 | 9 | -- | 81 | 22 | 23 | -- | 295 | 68 | 25 | 1.9 | 2.8 | -- | 377 | 292 | 590 | 7.8 | 14.60 | .5 | .0 |
| 302 | Kceb | 320 | Aug. 14, 1980 | 12 | -- | 56 | 27 | 23 | -- | 268 | 26 | 20 | 2.8 | <.1 | -- | 298 | 250 | 495 | 8.7 | 16.63 | .6 | .0 |
| 303 | Kceb | 175 | Aug. 14, 1980 | 11 | -- | 61 | 27 | 8 | -- | 305 | 12 | 10 | 1.0 | <.1 | -- | 280 | 265 | 469 | 8.1 | 6.20 | .2 | .0 |
| 304 | Kceb | 278 | Aug. 13, 1980 | 9 | -- | 59 | 28 | 18 | -- | 295 | 26 | 18 | 2.8 | <.1 | -- | 305 | 262 | 504 | 8.0 | 12.98 | .4 | .0 |
| 306 | Kceb | 112 | Aug. 22, 1980 | 11 | -- | 66 | 20 | 8 | -- | 270 | 20 | 13 | 1.3 | 3.8 | -- | 275 | 247 | 455 | 7.9 | 6.58 | .2 | .0 |
| 401 | Kceb | 267 | July 15, 1972 | 12 | -- | 72 | 32 | 6 | -- | 365 | 8 | 9 | .3 | 2.5 | -- | 321 | 312 | 540 | 7.5 | 4.02 | .1 | .0 |
| 401 | Kceb | 267 | Aug. 21, 1978 | 11 | -- | 72 | 34 | 6 | -- | 365 | 9 | 9 | .3 | 1.6 | -- | 322 | 317 | 534 | 8.0 | 3.92 | .1 | .0 |
| 401 | Kceb | 267 | Aug. 22, 1980 | 11 | -- | 78 | 27 | 7 | -- | 365 | 8 | 9 | .3 | 2.7 | -- | 322 | 307 | 519 | 8.3 | 4.74 | .1 | .0 |
| 402 | Kceb | 110 | July 22, 1972 | 13 | -- | 85 | 19 | 6 | 1.0 | 328 | 7 | 10 | .2 | 14.0 | -- | 316 | 294 | 512 | 7.5 | 4.28 | .1 | .0 |
| 402 | Kceb | 110 | Sept. 12, 1978 | 11 | -- | 100 | 8 | 11 | 6.0 | 330 | 17 | 16 | .2 | 18.0 | -- | 349 | 284 | 551 | 7.8 | 7.61 | .2 | .0 |
| 501 | Kceb | 40 | Feb. 22, 1951 | 10 | -- | 81 | 33 | 7 | -- | 386 | 7 | 10 | .0 | 4.0 | -- | 341 | 338 | 744 | 7.4 | 4.31 | .1 | .0 |
| 501 | Kceb | 40 | July 15, 1972 | 14 | -- | 98 | 24 | 6 | 1.0 | 387 | 12 | 12 | .2 | 16.0 | -- | 373 | 345 | 615 | 7.3 | 3.65 | .1 | .0 |
| 501 | Kceb | 40 | Sept. 12, 1978 | 13 | -- | 103 | 22 | 6 | -- | 388 | 13 | 9 | .3 | 14.0 | -- | 371 | 347 | 582 | 7.5 | 3.62 | .1 | .0 |
| 503 | Kceb | 180 | Aug. 14, 1980 | 11 | -- | 72 | 19 | 9 | -- | 268 | 11 | 19 | .2 | 14.1 | -- | 287 | 257 | 465 | 8.0 | 7.05 | .2 | .0 |
| 601 | Kceb | 100 | Jan. 17, 1961 | 11 | -- | 99 | 15 | 10 | 1.1 | 326 | 15 | 18 | .4 | 29.0 | -- | 358 | 308 | 623 | 6.9 | 6.55 | .2 | .0 |
| 610 | Kceb | 270 | July 12, 1978 | 10 | -- | 81 | 21 | 10 | -- | 304 | 17 | 13 | .6 | 9.0 | -- | 311 | 288 | 514 | 8.6 | 7.01 | .2 | .0 |
| 610 | Kceb | 270 | Aug. 14, 1980 | 10 | -- | 91 | 16 | 10 | -- | 318 | 15 | 13 | .6 | 9.7 | -- | 321 | 294 | 515 | 8.4 | 6.91 | .2 | .0 |
| 611 | Kceb | 200 | July 14, 1978 | 12 | -- | 136 | 30 | 31 | -- | 326 | 200 | 39 | 1.4 | <.4 | -- | 610 | 466 | 855 | 7.9 | 12.71 | .6 | .0 |
| 612 | Kceb | -- | Aug. 14, 1980 | 19 | -- | 98 | 13 | 9 | -- | 327 | 16 | 13 | .5 | 14.7 | -- | 343 | 301 | 529 | 8.4 | 6.16 | .2 | .0 |
| 802 | Kceb | 100 | Feb. 10, 1961 | 10 | -- | 124 | 23 | 12 | -- | 360 | 36 | 35 | .0 | 60.0 | -- | 477 | 404 | -- | 7.2 | 6.06 | .2 | .0 |

Table 6. --Chemical Analysis of Water from Selected Wells and Springs in Williamson and Bell Counties--Continued

| Well | Aquifer | Depth of well or sampled interval (ft) | Date of collection | Silica (SiO ₂) | Iron (Fe) | Calcium (Ca) | Magnesium (Mg) | Sodium (Na) | Potassium (K) | Bicarbonate (HCO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Boron (B) | Dissolved solids | Total hardness as CaCO ₃ | Specific conductance (microhmhos at 25°C) | pH | Percent sodium (SAR) | Residual sodium carbonate (RSC) | |
|------------------------------|---------|--|--------------------|----------------------------|-----------|--------------|----------------|-------------|---------------|---------------------------------|----------------------------|---------------|--------------|----------------------------|-----------|------------------|-------------------------------------|---|-----|----------------------|---------------------------------|-----|
| Williamson County--Continued | | | | | | | | | | | | | | | | | | | | | | |
| ZK-58-19-803 | Keeb | 186 | Oct. 7, 1959 | -- | 0.8 | 101 | 20 | 10 | -- | 337 | 23 | 27 | 0.1 | 26.0 | -- | 380 | 335 | -- | 7.4 | 6.10 | 0.2 | 0.0 |
| 803 | Keeb | 186 | Aug. 16, 1966 | -- | -- | 112 | 20 | 16 | -- | 353 | 27 | 28 | .3 | 36.0 | -- | 412 | 363 | -- | 7.2 | 8.77 | .3 | .0 |
| 803 | Keeb | 186 | July 15, 1972 | 13 | -- | 110 | 19 | 13 | -- | 339 | 22 | 23 | .2 | 21.0 | -- | 377 | 328 | 585 | 7.4 | 7.94 | .3 | .0 |
| 803 | Keeb | 186 | Aug. 22, 1973 | 11 | -- | 112 | 16 | 14 | -- | 354 | 24 | 29 | .3 | 34.0 | -- | 414 | 345 | 676 | 7.2 | 8.10 | .3 | .0 |
| 803 | Keeb | 186 | Aug. 2, 1974 | 10 | -- | 110 | 17 | 14 | -- | 349 | 24 | 23 | .3 | 32.0 | -- | 401 | 346 | 655 | 7.8 | 8.12 | .3 | .0 |
| 803 | Keeb | 186 | Aug. 22, 1980 | 11 | -- | 92 | 10 | 11 | -- | 282 | 19 | 17 | .2 | 22.0 | -- | 320 | 271 | 505 | 7.9 | 8.12 | .2 | .0 |
| 804 | Keeb | 180 | Dec. 14, 1960 | -- | -- | 96 | 22 | 10 | -- | 351 | 19 | 19 | .2 | 22.0 | -- | 360 | 330 | 655 | 7.2 | 6.18 | .2 | .0 |
| 804 | Keeb | 180 | Aug. 19, 1966 | -- | -- | 107 | 16 | 10 | -- | 355 | 17 | 18 | .4 | 23.0 | -- | 365 | 336 | -- | 7.3 | 6.13 | .2 | .0 |
| 804 | Keeb | 180 | Sept. 12, 1978 | 11 | -- | 102 | 14 | 8 | -- | 341 | 15 | 13 | .3 | 21.0 | -- | 351 | 311 | 550 | 7.4 | 5.28 | .1 | .0 |
| 805 | Keeb | 175 | Dec. 14, 1960 | -- | .8 | 102 | 18 | 8 | -- | 342 | 16 | 12 | .2 | 27.0 | -- | 359 | 330 | 654 | 7.0 | 5.03 | .1 | .0 |
| 805 | Keeb | 175 | Aug. 16, 1966 | -- | -- | 103 | 19 | 7 | -- | 357 | 12 | 15 | .3 | 21.0 | -- | 352 | 336 | -- | 7.3 | 4.34 | .1 | .0 |
| 805 | Keeb | 175 | Sept. 12, 1978 | 12 | -- | 108 | 12 | 10 | -- | 342 | 17 | 20 | .2 | 19.0 | -- | 366 | 321 | 572 | 7.8 | 6.38 | .2 | .0 |
| 805 | Keeb | 175 | Aug. 22, 1980 | 11 | -- | 83 | 19 | 10 | -- | 296 | 14 | 20 | .2 | 19.8 | -- | 322 | 285 | 520 | 7.8 | 7.08 | .2 | .0 |
| 901 | Keeb | 184 | Aug. 14, 1980 | 5 | -- | 33 | 30 | 40 | -- | 201 | 62 | 39 | 2.2 | <.1 | -- | 310 | 205 | 565 | 8.1 | 29.72 | 1.2 | .0 |
| 902 | Keeb | 300 | Aug. 14, 1980 | 13 | -- | 62 | 23 | 49 | -- | 293 | 58 | 31 | 3.4 | <.1 | -- | 383 | 250 | 600 | 8.5 | 29.95 | 1.3 | .0 |
| 20-101 | Keeb | 590 | Aug. 2, 1940 | 34 | -- | 22 | 88 | -- | -- | 305 | 46 | 47 | 3.8 | .0 | -- | 390 | 173 | -- | -- | -- | -- | .0 |
| 102 | Keeb | 603 | Jan. 14, 1966 | -- | -- | 38 | 24 | 78 | -- | 294 | 50 | 38 | 3.6 | <.4 | -- | 376 | 194 | 736 | 7.9 | 46.71 | 2.4 | .9 |
| 102 | Keeb | 603 | Apr. 30, 1976 | 14 | -- | 43 | 21 | 71 | 4.0 | 296 | 46 | 41 | 3.6 | <.4 | -- | 389 | 193 | 637 | 7.9 | 43.72 | 2.2 | .9 |
| 102 | Keeb | 603 | Oct. 3, 1978 | 14 | -- | 42 | 20 | 71 | -- | 293 | 47 | 36 | 3.3 | <.4 | -- | 377 | 189 | 596 | 8.0 | 45.22 | 2.2 | 1.0 |
| 102 | Keeb | 603 | Mar. 19, 1980 | 13 | -- | 43 | 21 | 72 | -- | 294 | 48 | 38 | 3.6 | <.1 | -- | 383 | 194 | 590 | 7.9 | 44.71 | 2.2 | .9 |
| 102 | Keeb | 603 | Aug. 13, 1980 | 14 | -- | 41 | 22 | 68 | -- | 292 | 45 | 35 | 3.5 | <.1 | -- | 372 | 192 | 590 | 7.9 | 43.41 | 2.1 | .9 |
| 103 | Keeb | 732 | Apr. 30, 1976 | 12 | -- | 42 | 23 | 70 | -- | 292 | 51 | 41 | 3.5 | <.4 | -- | 386 | 200 | 637 | 7.9 | 43.30 | 2.1 | .7 |
| 201 | Keeb | 565 | Apr. 30, 1976 | 12 | -- | 45 | 23 | 50 | -- | 292 | 30 | 32 | 3.2 | <.1 | -- | 339 | 208 | 570 | 7.9 | 34.45 | 1.5 | .6 |
| 201 | Keeb | 565 | Aug. 30, 1980 | 13 | -- | 44 | 25 | 52 | -- | 290 | 35 | 31 | 3.2 | <.1 | -- | 345 | 213 | 561 | 7.8 | 34.72 | 1.5 | .5 |
| 202 | Keeb | 580 | Aug. 20, 1980 | 13 | -- | 45 | 26 | 50 | -- | 283 | 34 | 31 | 3.1 | <.1 | -- | 341 | 216 | 541 | 8.4 | 33.16 | 1.4 | .2 |
| 401 | Keeb | 412 | July 30, 1940 | -- | -- | 51 | 25 | 107 | -- | 223 | 94 | 64 | 3.9 | .0 | -- | 454 | 231 | -- | -- | 50.28 | 3.0 | .0 |
| 401 | Keeb | 412 | Aug. 23, 1978 | 14 | -- | 46 | 27 | 98 | -- | 301 | 98 | 60 | 3.5 | <.4 | -- | 494 | 229 | 780 | 8.5 | 48.56 | 2.8 | .4 |
| 402 | Keeb | 243 | Aug. 23, 1978 | 11 | -- | 52 | 32 | 56 | -- | 286 | 72 | 48 | 3.3 | <.4 | -- | 415 | 259 | 669 | 7.9 | 31.79 | 1.5 | .0 |
| 403 | Keeb | 440 | Aug. 14, 1980 | 12 | -- | 4 | 1 | 190 | 2.0 | 332 | 80 | 52 | 3.7 | <.4 | -- | 508 | 12 | 764 | 8.2 | 96.12 | 22.0 | 5.1 |
| 404 | Keeb | 340 | Aug. 14, 1980 | 14 | -- | 47 | 26 | 109 | -- | 316 | 113 | 61 | 3.9 | .7 | -- | 529 | 225 | 792 | 8.2 | 51.39 | 3.1 | .4 |

Table 6.--Chemical Analysis of Water from Selected Wells and Springs in Williamson and Bell Counties--Continued

| Well | Aquifer | Depth of well or sampled interval (ft) | Date of collection | Silica (SiO ₂) | Iron (Fe) | Calcium (Ca) | Magnesium (Mg) | Sodium (Na) | Potassium (K) | Bicarbonate (HCO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Boron (B) | Dissolved solids | Total hardness as CaCO ₃ | Specific conductance (micromhos at 25°C) | pH | Percent sodium | Sodium adsorption ratio (SAR) | Residual sodium carbonate (RSC) |
|------------------------------|---------|--|--------------------|----------------------------|-----------|--------------|----------------|-------------|---------------|---------------------------------|----------------------------|---------------|--------------|----------------------------|-----------|------------------|-------------------------------------|--|-----|----------------|-------------------------------|---------------------------------|
| Williamson County--Continued | | | | | | | | | | | | | | | | | | | | | | |
| ZK-58-20-406 | Kceb | 400 | Aug. 20, 1980 | 13 | -- | 49 | 26 | 95 | -- | 309 | 92 | 51 | 3.8 | 1.8 | -- | 483 | 228 | 726 | 8.5 | 47.41 | 2.7 | 0.4 |
| 501 | Kceb | 446 | Apr. 29, 1976 | 14 | -- | 45 | 26 | 122 | 7.0 | 334 | 120 | 70 | 4.0 | < .4 | -- | 572 | 221 | 905 | 7.8 | 54.77 | 3.5 | 1.0 |
| 502 | Kceb | 612 | Apr. 30, 1976 | 14 | -- | 45 | 23 | 133 | 7.0 | 338 | 113 | 71 | 4.1 | < .4 | -- | 576 | 206 | 905 | 7.8 | 57.27 | 4.0 | 1.4 |
| 503 | Kceb | 520 | Aug. 12, 1980 | 14 | -- | 35 | 20 | 162 | -- | 321 | 134 | 81 | 4.2 | < .1 | -- | 608 | 170 | 891 | 8.4 | 67.51 | 5.4 | 1.8 |
| 701 | Kceb | 351 | May 6, 1976 | 11 | -- | 55 | 29 | 75 | -- | 317 | 90 | 47 | 3.7 | < .4 | -- | 466 | 258 | 765 | 7.6 | 38.87 | 2.0 | .0 |
| 701 | Kceb | 351 | Aug. 20, 1980 | 14 | -- | 62 | 24 | 76 | -- | 307 | 92 | 44 | 3.6 | < .1 | -- | 466 | 256 | 704 | 8.5 | 39.48 | 2.0 | .0 |
| 702 | Kceb | 360 | Aug. 21, 1978 | 14 | -- | 56 | 30 | 57 | -- | 309 | 75 | 39 | 3.3 | < .4 | -- | 426 | 263 | 670 | 8.3 | 32.03 | 1.5 | .0 |
| 901 | Kceb | 745 | Mar. 20, 1956 | -- | -- | -- | -- | 650 | -- | 552 | -- | 475 | -- | -- | -- | 1,396 | 78 | 2,940 | 8.0 | -- | -- | -- |
| 901 | Kceb | 745 | Sept. 17, 1968 | 17 | -- | 16 | 17 | 630 | -- | 560 | 335 | 489 | 5.2 | < .4 | -- | 1,784 | 110 | 2,820 | 8.0 | 92.58 | 26.1 | 6.9 |
| 901 | Kceb | 745 | Aug. 22, 1973 | 14 | -- | 27 | 3 | 620 | 9.0 | 560 | 315 | 476 | 5.3 | .6 | -- | 1,745 | 82 | 2,720 | 8.1 | 93.66 | 30.2 | 7.5 |
| 901 | Kceb | 745 | Aug. 2, 1974 | 14 | -- | 20 | 8 | 620 | 7.0 | 550 | 328 | 479 | 5.2 | 5.9 | -- | 1,757 | 84 | 2,700 | 8.1 | 93.62 | 29.6 | 7.3 |
| 901 | Kceb | 745 | Aug. 14, 1980 | 17 | -- | 20 | 7 | 648 | -- | 544 | 325 | 485 | 4.7 | < .1 | -- | 1,774 | 80 | 2,190 | 8.6 | 94.71 | 31.7 | 7.3 |
| 902 | Kceb | 780 | May 4, 1976 | 15 | -- | 24 | 7 | 660 | -- | 570 | 364 | 479 | 4.6 | < .4 | -- | 1,834 | 90 | 2,999 | 8.0 | 94.18 | 30.4 | 7.5 |
| 21-203 | Kcno | 2,606 | Sept. 17, 1968 | 18 | 0.58 | 23 | 9 | 491 | -- | 451 | 305 | 335 | 3.0 | < .4 | -- | 1,410 | 93 | 2,250 | 7.9 | 92.00 | 22.0 | -- |
| 26-302 | Kceb | Spring | Jan. 20, 1980 | 10 | -- | 90 | 21 | 8 | -- | 353 | 12 | 15 | .1 | 5.6 | -- | 335 | 310 | 544 | 7.9 | 5.30 | .1 | .0 |
| 305 | Kceb | Spring | Jan. 20, 1980 | 11 | -- | 96 | 15 | 7 | -- | 340 | 10 | 13 | < .1 | 3.8 | -- | 323 | 302 | 522 | 7.9 | 4.81 | .1 | .0 |
| 308 | Kceb | Spring | Jan. 18, 1980 | 14 | -- | 102 | 23 | 25 | -- | 387 | 21 | 34 | .2 | 8.9 | -- | 418 | 350 | 660 | 8.0 | 13.47 | .5 | .0 |
| 901 | Kcgr | 150 | July 22, 1972 | 9 | -- | 117 | 105 | 110 | 36.0 | 423 | 540 | 61 | 3.8 | < .4 | -- | 1,190 | 730 | 1,520 | 7.3 | 23.71 | 1.7 | .0 |
| 27-202 | Kceb | 200 | June 17, 1972 | 9 | -- | 95 | 16 | 8 | 1.0 | 305 | 22 | 12 | .1 | 33.0 | -- | 346 | 302 | 560 | 7.5 | 5.41 | .1 | .0 |
| 204 | Kceb | 130 | June 3, 1972 | 8 | -- | 89 | 18 | 8 | 1.0 | 328 | 14 | 13 | .3 | 7.0 | -- | 319 | 299 | 538 | 7.4 | 5.52 | .2 | .0 |
| 204 | Kceb | 130 | Mar. 19, 1980 | 9 | -- | 100 | 15 | 8 | -- | 338 | 18 | 15 | .3 | 18.3 | -- | 349 | 312 | 552 | 7.9 | 5.29 | .1 | .0 |
| 214 | Kceb | 100 | Aug. 14, 1980 | 10 | -- | 68 | 18 | 5 | -- | 237 | 10 | 8 | < .1 | 45.1 | -- | 280 | 245 | 431 | 7.9 | 4.27 | .1 | .0 |
| 302 | Kceb | 365 | May 21, 1976 | 12 | -- | 81 | 25 | 13 | -- | 332 | 30 | 20 | 2.3 | < .4 | -- | 346 | 307 | 580 | 7.7 | 8.48 | .3 | .0 |
| 303 | Kceb | 306 | Sept. 25, 1979 | 13 | -- | 58 | 32 | 30 | -- | 301 | 42 | 29 | 3.2 | < .1 | -- | 355 | 276 | 576 | 8.0 | 19.10 | .7 | .0 |
| 401 | Kceb | 430 | Mar. 11, 1977 | 14 | -- | 106 | 27 | 12 | -- | 410 | 12 | 25 | .1 | 18.0 | -- | 415 | 375 | 701 | 7.4 | 6.49 | .2 | .0 |
| 504 | Kceb | 400 | June 3, 1972 | 12 | -- | 97 | 31 | 7 | 1.0 | 429 | 9 | 11 | .6 | 8.0 | -- | 387 | 372 | 642 | 7.5 | 3.94 | .1 | .0 |
| 504 | Kceb | 400 | Oct. 4, 1978 | 12 | -- | 107 | 26 | 7 | -- | 433 | 11 | 11 | .7 | 7.0 | -- | 396 | 375 | 632 | 7.9 | 3.91 | .1 | .0 |
| 504 | Kceb | 400 | Mar. 19, 1980 | 11 | -- | 103 | 28 | 8 | -- | 437 | 11 | 11 | .6 | 6.3 | -- | 393 | 375 | 616 | 8.1 | 4.46 | .1 | .1 |
| 505 | Kceb | 225 | June 17, 1972 | 11 | -- | 113 | 40 | 62 | 6.0 | 411 | 181 | 34 | .7 | 16.0 | -- | 665 | 446 | 975 | 7.2 | 22.89 | 1.2 | .0 |
| 505 | Kceb | 225 | Aug. 26, 1980 | 11 | -- | 114 | 30 | 44 | -- | 401 | 118 | 28 | .6 | 18.3 | -- | 561 | 408 | 783 | 8.2 | 19.00 | .9 | .0 |
| 508 | Kceb | 300 | Sept. 14, 1973 | 7 | -- | 103 | 17 | 7 | -- | 351 | 15 | 17 | .5 | 16.0 | -- | 355 | 330 | 609 | 7.5 | 4.45 | .1 | .0 |

Table 6.--Chemical Analysis of Water from Selected Wells and Springs in Williamson and Bell Counties--Continued

| Well | Aquifer | Depth of well or sampled interval (ft) | Date of collection | Silica (SiO ₂) | Iron (Fe) | Calcium (Ca) | Magnesium (Mg) | Sodium (Na) | Potassium (K) | Bicarbonate (HCO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Boron (B) | Dissolved solids | Total hardness as CaCO ₃ | Specific conductance (microhmhos at 25°C) | pH | Percent sodium | Sodium adsorption ratio (SAR) | Residual sodium carbonate (RSC) |
|------------------------------|---------|--|--------------------|----------------------------|-----------|--------------|----------------|-------------|---------------|---------------------------------|----------------------------|---------------|--------------|----------------------------|-----------|------------------|-------------------------------------|---|-----|----------------|-------------------------------|---------------------------------|
| Williamson County--Continued | | | | | | | | | | | | | | | | | | | | | | |
| ZK-58-27-508 | Kceb | 300 | Sept. 13, 1978 | 11 | -- | 110 | 12 | 7 | -- | 351 | 19 | 12 | 0.3 | 22.0 | -- | 365 | 322 | 574 | 7.7 | 4.49 | 0.1 | 0.0 |
| 509 | Kceb | 250 | Sept. 14, 1973 | 7 | -- | 105 | 17 | 8 | -- | 355 | 14 | 16 | .4 | 18.0 | -- | 359 | 331 | 615 | 7.2 | 4.98 | .1 | .0 |
| 509 | Kceb | 250 | Sept. 13, 1978 | 10 | -- | 107 | 12 | 7 | -- | 351 | 20 | 11 | .3 | 20.0 | -- | 359 | 319 | 565 | 7.6 | 4.59 | .1 | .0 |
| 517 | Kceb | 260 | Sept. 27, 1979 | 13 | -- | 79 | 32 | 25 | -- | 318 | 75 | 28 | 2.7 | < .1 | -- | 411 | 331 | 634 | 8.1 | 14.19 | .5 | .0 |
| 518 | Kceb | 155 | Aug. 26, 1980 | 9 | -- | 96 | 18 | 7 | -- | 256 | 17 | 10 | < .1 | 101.7 | -- | 384 | 314 | 563 | 8.0 | 4.63 | .1 | .0 |
| 519 | Kceb | 165 | Aug. 15, 1980 | 10 | -- | 79 | 17 | 6 | -- | 249 | 13 | 8 | .1 | 59.3 | -- | 314 | 266 | 487 | 7.9 | 4.65 | .1 | .0 |
| 601 | Kceb | 560 | Dec. 2, 1976 | 14 | -- | 57 | 29 | 45 | -- | 300 | 51 | 40 | 3.4 | < .4 | -- | 387 | 263 | 662 | 7.6 | 27.23 | 1.2 | .0 |
| 602 | Kceb | 369 | Dec. 1, 1976 | 14 | -- | 60 | 30 | 53 | -- | 309 | 71 | 45 | 3.0 | .5 | -- | 428 | 275 | 715 | 7.7 | 29.68 | 1.3 | .0 |
| 603 | Kceb | 380 | Dec. 1, 1976 | 12 | -- | 93 | 20 | 43 | -- | 331 | 59 | 39 | 2.5 | 10.0 | -- | 441 | 315 | 735 | 7.5 | 22.93 | 1.0 | .0 |
| 603 | Kceb | 380 | Aug. 12, 1980 | 13 | -- | 76 | 27 | 38 | -- | 317 | 66 | 36 | 2.7 | 1.4 | -- | 415 | 301 | 639 | 8.4 | 21.56 | .9 | .0 |
| 702 | Kcgr | 306 | July 12, 1972 | 10 | -- | 63 | 46 | 67 | 4.0 | 314 | 131 | 60 | .4 | 15.0 | -- | 550 | 345 | 851 | 7.5 | 29.31 | 1.5 | .0 |
| 706 | Kcgr | 725 | Mar. 10, 1977 | 14 | -- | 107 | 28 | 9 | -- | 421 | 12 | 14 | .1 | 34.0 | -- | 415 | 382 | 692 | 7.5 | 4.87 | .2 | .0 |
| 709 | Kceb | 87 | Mar. 10, 1977 | 14 | -- | 98 | 34 | 12 | -- | 433 | 8 | 21 | .2 | 18.0 | -- | 418 | 384 | 712 | 7.7 | 6.35 | .2 | .0 |
| 710 | -- | -- | Mar. 10, 1977 | 5 | -- | 36 | 39 | 10 | -- | 282 | 7 | 20 | .2 | < .4 | -- | 256 | 251 | 477 | 8.5 | 7.99 | .2 | .0 |
| 711 | Kcgr | 350 | Mar. 10, 1977 | 16 | -- | 110 | 27 | 12 | -- | 410 | 18 | 21 | .2 | 36.0 | -- | 441 | 389 | 732 | 7.5 | 6.34 | .2 | .0 |
| 713 | Kcgr | 315 | Mar. 11, 1977 | 15 | -- | 99 | 34 | 10 | -- | 432 | 15 | 17 | .1 | 11.0 | -- | 413 | 385 | 694 | 7.6 | 5.32 | .2 | .0 |
| 714 | Kceb | 66 | Mar. 11, 1977 | 11 | -- | 60 | 35 | 6 | -- | 331 | 7 | 10 | .1 | 13.0 | -- | 304 | 294 | 536 | 7.6 | 4.25 | .1 | .0 |
| 715 | Kcgr | 212 | Aug. 15, 1980 | 12 | -- | 109 | 34 | 46 | -- | 444 | 91 | 36 | .2 | 6.2 | -- | 552 | 412 | 796 | 8.3 | 19.54 | .9 | .0 |
| 801 | Kceb | 222 | Oct. 19, 1939 | -- | -- | 99 | 19 | 42 | -- | 436 | 23 | 19 | -- | 11.0 | -- | 427 | -- | -- | 7.7 | 21.93 | 1.0 | .6 |
| 801 | Kceb | 222 | Mar. 30, 1941 | -- | -- | 109 | 23 | 7 | -- | 374 | 40 | 15 | .2 | 14.0 | -- | 392 | 367 | -- | -- | 3.98 | .1 | .0 |
| 801 | Kceb | 222 | Sept. 13, 1978 | 11 | -- | 105 | 15 | 13 | -- | 363 | 29 | 18 | .4 | 11.0 | -- | 380 | 326 | 605 | 7.6 | 8.03 | .3 | .0 |
| 802 | Kceb | 220 | Sept. 12, 1957 | -- | -- | 102 | 23 | 12 | -- | 366 | 30 | 23 | .3 | 21.0 | -- | 391 | 359 | -- | 7.2 | 6.95 | .2 | .0 |
| 802 | Kceb | 220 | June 17, 1972 | 11 | -- | 106 | 20 | 11 | 1.0 | 368 | 30 | 17 | .3 | 14.0 | -- | 391 | 346 | 643 | 7.2 | 6.43 | .2 | .0 |
| 802 | Kceb | 220 | Aug. 12, 1980 | 11 | -- | 51 | 22 | 12 | -- | 220 | 26 | 16 | .3 | 11.5 | -- | 257 | 218 | 425 | 8.2 | 10.70 | .3 | .0 |
| 805 | Kceb | 245 | Sept. 14, 1973 | 7 | -- | 106 | 18 | 12 | -- | 356 | 26 | 18 | .5 | 14.0 | -- | 376 | 338 | 634 | 7.7 | 7.15 | .2 | .0 |
| 814 | Kceb | 222 | Mar. 18, 1980 | 11 | -- | 90 | 28 | 8 | -- | 397 | 12 | 13 | 2.0 | < .1 | -- | 359 | 342 | 580 | 7.9 | 4.87 | .1 | .0 |
| 814 | Kceb | 222 | Aug. 15, 1980 | 12 | -- | 67 | 25 | 8 | -- | 310 | 12 | 10 | 1.9 | < .1 | -- | 288 | 272 | 474 | 8.1 | 6.05 | .2 | .0 |
| 901 | Kceb | 425 | July 25, 1956 | -- | -- | -- | -- | -- | -- | 313 | -- | 29 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 902 | Kceb | 504 | July 25, 1956 | -- | -- | -- | -- | -- | -- | 299 | 61 | 29 | .0 | 7.7 | -- | 244 | 265 | 802 | 7.7 | -- | -- | -- |
| 904 | Kceb | 420 | Dec. 1, 1976 | 15 | -- | 370 | 220 | 1,740 | 68.0 | 392 | 3,590 | 1,240 | 2.9 | < .4 | -- | 7,439 | 1,830 | 8,150 | 7.3 | 66.40 | 17.7 | .0 |
| 904 | Kceb | 420 | Dec. 1, 1976 | 14 | -- | 375 | 219 | 1,740 | -- | 414 | 3,430 | 1,240 | 2.9 | < .4 | -- | 7,224 | 1,840 | 8,240 | 7.2 | 67.33 | 17.6 | .0 |

Table 6.--Chemical Analysis of Water from Selected Wells and Springs in Williamson and Bell Counties--Continued

| Well | Aquifer | Depth of well or sampled interval (ft.) | Date of collection | Silica (SiO ₂) | Iron (Fe) | Calcium (Ca) | Magnesium (Mg) | Sodium (Na) | Potassium (K) | Bicarbonate (HCO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Boron (B) | Dissolved solids | Total hardness CaCO ₃ | Specific conductance (micro mhos at 25°C) | pH | Percent sodium | Sodium adsorption ratio (SAR) | Residual sodium carbonate (RSC) |
|------------------------------|---------|---|--------------------|----------------------------|-----------|--------------|----------------|-------------|---------------|---------------------------------|----------------------------|---------------|--------------|----------------------------|-----------|------------------|----------------------------------|---|-----|----------------|-------------------------------|---------------------------------|
| Williamson County--Continued | | | | | | | | | | | | | | | | | | | | | | |
| 2K-38-27-905 | Keeb | 385 | Dec. 1, 1976 | 14 | -- | 398 | 237 | 1,920 | 64.0 | 436 | 3,800 | 1,320 | 2.9 | < .4 | -- | 7,970 | 1,970 | 8,640 | 7.2 | 67.07 | 18.8 | 0.0 |
| 906 | Keeb | -- | June 27, 1977 | 13 | -- | 61 | 30 | 54 | -- | 305 | 71 | 46 | 3.3 | < .4 | -- | 428 | 273 | 714 | 7.8 | 29.88 | 1.4 | .0 |
| 907 | Keeb | 360 | Feb. 8, 1977 | 11 | -- | 51 | 25 | 90 | 9.0 | 240 | 146 | 62 | 3.0 | < .4 | -- | 515 | 230 | 812 | 8.3 | 44.76 | 2.5 | .0 |
| 907 | Keeb | 360 | June 27, 1977 | 14 | -- | 74 | 36 | 132 | -- | 316 | 216 | 92 | 3.3 | < .4 | -- | 723 | 34 | 1,130 | 7.8 | 46.32 | 3.1 | .0 |
| 908 | Keeb | 360 | Feb. 1, 1977 | 16 | -- | 74 | 39 | 167 | -- | 320 | 313 | 85 | 3.3 | < .4 | -- | 855 | 344 | 1,290 | 8.4 | 51.28 | 3.9 | .0 |
| 910 | Keeb | 380 | Dec. 2, 1976 | 13 | -- | 64 | 32 | 64 | -- | 316 | 122 | 34 | 3.2 | 1.3 | -- | 488 | 292 | 779 | 7.6 | 32.33 | 1.6 | .0 |
| 911 | Keeb | 320 | Dec. 1, 1976 | 13 | -- | 58 | 29 | 40 | -- | 301 | 57 | 28 | 3.3 | < .4 | -- | 376 | 263 | 637 | 7.8 | 24.78 | 1.0 | .0 |
| 912 | Keeb | 300 | Dec. 2, 1976 | 13 | -- | 58 | 29 | 37 | -- | 304 | 56 | 25 | 3.3 | < .4 | -- | 371 | 263 | 620 | 7.6 | 23.36 | .9 | .0 |
| 915 | Keeb | 360 | Sept. 28, 1979 | 14 | -- | 65 | 35 | 93 | -- | 309 | 165 | 63 | 3.3 | < .4 | -- | 590 | 307 | 859 | 8.2 | 39.78 | 2.3 | .0 |
| 916 | Keeb | 380 | Mar. 12, 1980 | 11 | -- | 70 | 31 | 16 | -- | 327 | 27 | 18 | 2.8 | < .1 | -- | 336 | 300 | 547 | 7.6 | 10.32 | .4 | .0 |
| 916 | Keeb | 380 | Aug. 15, 1980 | 12 | -- | 60 | 29 | 16 | -- | 293 | 28 | 10 | 2.7 | < .1 | -- | 301 | 267 | 504 | 8.1 | 11.45 | .4 | .0 |
| 28-101 | Keeb | 400 | May 18, 1976 | 7 | -- | 36 | 25 | 92 | -- | 303 | 66 | 48 | 3.7 | .6 | -- | 427 | 192 | 714 | 8.0 | 50.95 | 2.8 | 1.1 |
| 101 | Keeb | 400 | Aug. 15, 1980 | 12 | -- | 57 | 31 | 59 | -- | 310 | 74 | 41 | 3.3 | .1 | -- | 429 | 268 | 669 | 8.4 | 32.24 | 1.5 | .0 |
| 102 | Keeb | 460 | Sept. 25, 1979 | 14 | -- | 49 | 29 | 123 | -- | 343 | 123 | 70 | 3.9 | .4 | -- | 580 | 239 | 870 | 8.0 | 52.55 | 3.4 | .7 |
| 201 | Keeb | 640 | Sept. 25, 1979 | 15 | -- | 38 | 17 | 830 | -- | 566 | 662 | 601 | 4.4 | < .1 | -- | 2,445 | 165 | 2,850 | 8.0 | 91.63 | 28.1 | 5.9 |
| 401 | Keeb | 630 | Apr. 29, 1976 | 15 | -- | 74 | 33 | 1,000 | 25.0 | 600 | 1,050 | 700 | 4.2 | < .4 | -- | 3,196 | 319 | 4,350 | 8.0 | 86.06 | 24.3 | 3.4 |
| 401 | Keeb | 630 | Aug. 15, 1980 | 15 | -- | 79 | 26 | 1,042 | -- | 566 | 1,070 | 713 | 4.2 | < .1 | -- | 3,227 | 305 | 3,250 | 8.4 | 88.17 | 25.9 | 3.1 |
| 502 | Keeb | 787 | May 6, 1976 | 18 | -- | 20 | 6 | 540 | -- | 490 | 388 | 298 | 4.0 | < .4 | -- | 1,515 | 75 | 2,460 | 8.0 | 94.02 | 27.2 | 6.5 |
| 502 | Keeb | 787 | Aug. 12, 1980 | 18 | -- | 17 | 6 | 538 | -- | 448 | 403 | 300 | 3.9 | < .1 | -- | 1,506 | 70 | 1,850 | 8.7 | 94.57 | 28.5 | 6.0 |
| 503 | Keeb | 580 | Sept. 26, 1979 | 16 | -- | 17 | 7 | 586 | -- | 547 | 355 | 389 | 5.0 | < .1 | -- | 1,644 | 71 | 2,130 | 8.1 | 94.70 | 30.2 | 7.5 |
| 504 | Keeb | 700 | Sept. 26, 1979 | 16 | -- | 16 | 7 | 570 | -- | 516 | 385 | 351 | 5.0 | < .1 | -- | 1,603 | 66 | 2,100 | 8.3 | 94.74 | 29.9 | 7.0 |
| 601 | Keeb | 790 | July 11, 1940 | -- | -- | 21 | 12 | 527 | -- | 494 | 391 | 382 | 4.2 | -- | -- | 1,580 | 103 | -- | -- | 91.84 | 22.7 | 6.0 |
| 601 | Keeb | 790 | Oct. 1, 1951 | 18 | -- | 17 | 12 | 534 | -- | 495 | 384 | 308 | 4.4 | .5 | -- | 1,521 | -- | 2,640 | 7.7 | 92.67 | 24.2 | 6.2 |
| 601 | Keeb | 790 | Sept. 17, 1968 | 17 | 3.0 | 16 | 9 | 530 | -- | 482 | 412 | 310 | 4.4 | < .4 | -- | 1,538 | 77 | 2,380 | 7.8 | 93.74 | 26.2 | 6.3 |
| 601 | Keeb | 790 | Sept. 13, 1978 | 18 | -- | 19 | 7 | 536 | -- | 476 | 395 | 304 | 3.8 | .7 | -- | 1,517 | 76 | 1,970 | 8.2 | 93.86 | 26.7 | 6.2 |
| 701 | Keeb | 560 | May 25, 1976 | 14 | -- | 55 | 22 | 381 | -- | 409 | 342 | 246 | 4.2 | < .4 | -- | 1,265 | 231 | 1,970 | 7.8 | 78.44 | 10.9 | 2.1 |
| 702 | Keeb | 492 | May 25, 1976 | 13 | -- | 50 | 23 | 209 | 8.0 | 365 | 207 | 125 | 4.0 | < .4 | -- | 818 | 220 | 1,300 | 7.8 | 66.44 | 6.1 | 1.5 |
| 703 | Keeb | 420 | May 25, 1976 | 13 | -- | 48 | 23 | 215 | -- | 381 | 198 | 122 | 4.1 | < .4 | -- | 810 | 216 | 1,300 | 7.9 | 68.57 | 6.3 | 1.9 |
| 706 | Keeb | 520 | Aug. 18, 1980 | 15 | -- | 51 | 26 | 538 | -- | 444 | 525 | 367 | 4.3 | < .1 | -- | 1,744 | 232 | 2,070 | 7.7 | 83.32 | 15.2 | 2.5 |
| 707 | Keeb | 560 | Mar. 12, 1980 | 14 | -- | 50 | 24 | 685 | 15.0 | 503 | 637 | 468 | 4.4 | < .1 | -- | 2,144 | 221 | 2,450 | 7.7 | 85.99 | 19.9 | 3.7 |
| 707 | Keeb | 560 | Aug. 18, 1980 | 16 | -- | 50 | 22 | 710 | -- | 501 | 642 | 480 | 4.3 | < .1 | -- | 2,170 | 216 | 2,450 | 7.8 | 87.76 | 21.0 | 3.9 |

Table 6.--Chemical Analysis of Water from Selected Wells and Springs in Williamson and Bell Counties--Continued

| Well | Aquifer | Depth of well or sampled interval (ft) | Date of collection | Silica (SiO ₂) | Iron (Fe) | Calcium (Ca) | Magnesium (Mg) | Sodium (Na) | Potassium (K) | Bicarbonate (HCO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Boron (B) | Dissolved solids | Total hardness as CaCO ₃ | Specific conductance (micromhos at 25°C) | pH | Percent sodium (SAR) | Residual sodium carbonate (RSC) | | | |
|---|---------|--|--------------------|----------------------------|-----------|--------------|----------------|-------------|---------------|---------------------------------|----------------------------|---------------|--------------|----------------------------|-----------|------------------|-------------------------------------|--|-------|----------------------|---------------------------------|-------|----|----|
| 2K-58-29-501 34-101 202 203 35-102 103 105 106 107 108 109 204 204 204 204 213 218 218 305 306 310 36-207 301 | Keeb | 1,115 | May 6, 1976 | 13 | -- | 14 | 14 | 770 | 13.0 | 412 | 740 | 474 | 6.7 | < 0.4 | -- | 2,247 | 91 | 3,600 | 8.7 | 93.88 | 34.8 | 4.9 | | |
| | | | July 25, 1972 | 12 | -- | 84 | 28 | 17 | 1.0 | 323 | 29 | 387 | 325 | 22 | .5 | 35.0 | -- | 387 | 325 | 632 | 7.5 | 10.18 | .4 | .0 |
| | | | July 25, 1972 | 10 | -- | 115 | 9 | 6 | 1.0 | 350 | 12 | 351 | 326 | 10 | .1 | 16.0 | -- | 351 | 326 | 573 | 7.3 | 3.85 | .1 | .0 |
| | | | July 25, 1972 | 12 | -- | 82 | 15 | 9 | 1.0 | 306 | 7 | 294 | 267 | 17 | .2 | < .4 | -- | 294 | 267 | 495 | 7.4 | 6.81 | .2 | .0 |
| | | | Aug. 25, 1980 | 13 | -- | 104 | 23 | 8 | -- | 395 | 14 | 373 | 356 | 15 | .1 | 1.8 | -- | 373 | 356 | 596 | 7.9 | 4.68 | .1 | .0 |
| | | | June 24, 1972 | 12 | -- | 112 | 27 | 8 | 1.0 | 431 | 16 | 420 | 392 | 16 | .2 | 16.0 | -- | 420 | 392 | 680 | 7.5 | 4.25 | .1 | .0 |
| | | | Jan. 31, 1973 | 12 | -- | 119 | 27 | 9 | -- | 437 | 17 | 436 | 408 | 17 | .1 | 20.0 | 0.1 | 436 | 408 | 720 | 7.4 | 4.57 | .1 | .0 |
| | | | Jan. 31, 1973 | 12 | 0.0 | 114 | 28 | 9 | -- | 449 | 17 | 435 | 401 | 17 | .1 | 18.0 | .1 | 435 | 401 | 732 | 7.4 | 4.67 | .1 | .0 |
| | | | Jan. 31, 1973 | 12 | .0 | 116 | 27 | 9 | -- | 443 | 15 | 433 | 402 | 19 | .1 | 17.0 | .1 | 433 | 402 | 720 | 7.6 | 4.66 | .1 | .0 |
| | | | Jan. 31, 1973 | 11 | .0 | 115 | 25 | 8 | -- | 429 | 13 | 412 | 392 | 15 | .1 | 14.0 | .1 | 412 | 392 | 695 | 7.4 | 4.27 | .1 | .0 |
| | | | June 24, 1972 | 12 | -- | 101 | 31 | 7 | 1.0 | 423 | 12 | 403 | 381 | 12 | .2 | 19.0 | -- | 403 | 381 | 654 | 7.6 | 3.84 | .1 | .0 |
| | | | July 14, 1965 | -- | -- | 96 | 25 | 9 | -- | 375 | 27 | 363 | 343 | 16 | .9 | 5.5 | -- | 363 | 343 | 711 | 7.3 | 5.40 | .2 | .0 |
| | | | June 17, 1972 | 11 | -- | 96 | 25 | 10 | 1.0 | 372 | 30 | 376 | 343 | 14 | .9 | 5.5 | -- | 376 | 343 | 620 | 7.3 | 5.95 | .2 | .0 |
| | | | Aug. 22, 1973 | 11 | -- | 102 | 23 | 10 | -- | 376 | 31 | 383 | 351 | 16 | .9 | 5.1 | -- | 383 | 351 | 640 | 7.4 | 5.86 | .2 | .0 |
| | | | Aug. 2, 1974 | 10 | -- | 84 | 23 | 10 | -- | 311 | 33 | 337 | 305 | 16 | .8 | 8.0 | -- | 337 | 305 | 562 | 7.6 | 6.67 | .2 | .0 |
| | | | June 24, 1972 | 10 | -- | 107 | 30 | 9 | 1.0 | 436 | 12 | 411 | 391 | 18 | .3 | 10.0 | -- | 411 | 391 | 672 | 7.4 | 4.76 | .1 | .0 |
| | | | Oct. 3, 1979 | 12 | -- | 111 | 22 | 9 | -- | 417 | 14 | 399 | 370 | 18 | .2 | 8.3 | -- | 399 | 370 | 665 | 8.2 | 5.05 | .2 | .0 |
| | | | Aug. 19, 1980 | 12 | -- | 91 | 24 | 10 | -- | 366 | 14 | 358 | 328 | 18 | .2 | 9.3 | -- | 358 | 328 | 574 | 7.9 | 6.25 | .2 | .0 |
| | | | May 24, 1976 | 12 | -- | 78 | 29 | 11 | -- | 365 | 16 | 342 | 317 | 15 | 1.8 | < .4 | -- | 342 | 317 | 574 | 7.8 | 7.08 | .2 | .0 |
| | | | Aug. 12, 1980 | 12 | -- | 79 | 24 | 10 | -- | 320 | 24 | 327 | 296 | 17 | 1.4 | 2.6 | -- | 327 | 296 | 521 | 8.0 | 6.84 | .2 | .0 |
| Mar. 25, 1980 | 11 | -- | 97 | 26 | 9 | -- | 383 | 26 | 377 | 350 | 15 | .7 | 4.0 | -- | 377 | 350 | 586 | 7.7 | 5.31 | .2 | .0 | | | |
| Sept. 28, 1979 | 16 | -- | 22 | 9 | 657 | -- | 488 | 356 | 536 | 3.8 | 3.8 | 3.8 | 5.7 | -- | 1,845 | 91 | 2,400 | 7.9 | 93.95 | 29.8 | 6.1 | | | |
| Aug. 24, 1956 | -- | -- | -- | -- | -- | -- | 489 | -- | 3,020 | -- | -- | -- | -- | -- | 3,260 | 1,360 | 11,500 | 7.2 | -- | -- | -- | | | |
| Bell County | | | | | | | | | | | | | | | | | | | | | | | | |
| AX-58-03-601 801 902 04-201 202 202 | Keeb | Spring | Aug. 4, 1978 | 12 | -- | 95 | 20 | 7 | -- | 350 | 11 | 13 | 0.2 | 13.0 | -- | 343 | 319 | 555 | 7.7 | 4.55 | .1 | .0 | | |
| | | | July 13, 1978 | 11 | -- | 62 | 61 | 713 | -- | 498 | 1,322 | 132 | 4.5 | 8.0 | -- | 2,558 | 406 | 2,670 | 8.0 | 79.27 | 15.4 | .0 | | |
| | | | July 27, 1978 | 11 | -- | 56 | 61 | 840 | -- | 521 | 1,456 | 224 | 4.9 | 7.0 | -- | 2,916 | 390 | 3,050 | 8.4 | 82.38 | 18.4 | .7 | | |
| | | | Aug. 1, 1978 | 11 | -- | 96 | 19 | 7 | -- | 353 | 10 | 12 | .2 | 12.0 | -- | 340 | 320 | 555 | 7.8 | 4.57 | .1 | .0 | | |
| | | | July 17, 1978 | 10 | -- | 82 | 27 | 6 | -- | 371 | 8 | 6 | 1.2 | 6.0 | -- | 328 | 316 | 545 | 8.2 | 3.97 | .1 | .0 | | |
| | | | Aug. 18, 1980 | 10 | -- | 69 | 26 | 6 | -- | 316 | 9 | 6 | .8 | 8.3 | -- | 290 | 277 | 474 | 8.0 | 4.46 | .1 | .0 | | |

Table 6. --Chemical Analysis of Water from Selected Wells and Springs in Williamson and Bell Counties--Continued

| Well | Aquifer | Depth of well or sampled interval (ft) | Date of collection | Silica (SiO ₂) | Iron (Fe) | Calcium (Ca) | Magnesium (Mg) | Sodium (Na) | Potassium (K) | Bicarbonate (HCO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Boron (B) | Dissolved solids | Total hardness as CaCO ₃ | Specific conductance (micromhos at 25°C) | pH | Percent sodium | Sodium adsorption ratio (SAR) | Residual sodium carbonate (RSC) |
|------------------------|---------|--|--------------------|----------------------------|-----------|--------------|----------------|-------------|---------------|---------------------------------|----------------------------|---------------|--------------|----------------------------|-----------|------------------|-------------------------------------|--|-----|----------------|-------------------------------|---------------------------------|
| Bell County--Continued | | | | | | | | | | | | | | | | | | | | | | |
| AX-58-04-301 | Keob | 180 | July 9, 1978 | 11 | -- | 57 | 51 | 980 | -- | 550 | 1,551 | 297 | 4.6 | 1.6 | -- | 3,223 | 350 | 3,280 | 8.0 | 85.82 | 22.7 | 1.9 |
| 302 | Keob | 148 | Aug. 18, 1980 | 12 | -- | 92 | 17 | 10 | -- | 314 | 12 | 18 | .4 | 21.0 | -- | 336 | 299 | 530 | 8.3 | 6.77 | .2 | .0 |
| 304 | Keob | 142 | July 10, 1978 | 11 | -- | 69 | 30 | 8 | -- | 317 | 16 | 2 | 2.4 | <.4 | -- | 294 | 297 | 504 | 8.7 | 5.56 | .2 | .0 |
| 306 | Keob | 92 | July 8, 1978 | 11 | -- | 100 | 20 | 7 | -- | 368 | 21 | 10 | 1.0 | 10.0 | -- | 360 | 334 | 580 | 7.9 | 4.38 | .1 | .0 |
| 308 | Keob | 116 | Aug. 19, 1980 | 14 | -- | 93 | 24 | 14 | -- | 326 | 45 | 18 | .9 | 20.7 | -- | 389 | 330 | 593 | 7.9 | 8.43 | .3 | .0 |
| 502 | Keob | 90 | Aug. 18, 1980 | 17 | -- | 108 | 34 | 52 | -- | 416 | 14 | 92 | 1.3 | 28.6 | -- | 551 | 410 | 850 | 8.4 | 21.65 | 1.1 | .0 |
| 503 | Keob | 120 | Aug. 17, 1980 | 14 | -- | 92 | 21 | 11 | -- | 368 | 9 | 21 | .4 | 3.0 | -- | 352 | 319 | 551 | 8.4 | 7.04 | .2 | .0 |
| 504 | Keob | 97 | July 12, 1978 | 14 | -- | 104 | 24 | 11 | -- | 401 | 11 | 17 | .3 | 18.0 | -- | 396 | 357 | 628 | 7.8 | 6.26 | .2 | .0 |
| 504 | Keob | 97 | Aug. 19, 1980 | 13 | -- | 91 | 21 | 10 | -- | 344 | 9 | 15 | .3 | 17.9 | -- | 346 | 311 | 546 | 7.9 | 6.48 | .2 | .0 |
| 506 | Keob | 125 | Aug. 19, 1980 | 10 | -- | 66 | 20 | 7 | -- | 249 | 12 | 11 | .3 | 29.1 | -- | 277 | 246 | 445 | 8.1 | 5.80 | .1 | .0 |
| 602 | Keob | 105 | Mar. 5, 1968 | -- | 0.0 | 106 | 25 | 5 | -- | 353 | 16 | 53 | 1.0 | 19.0 | -- | 398 | 372 | -- | 7.0 | 2.87 | .1 | .0 |
| 602 | Keob | 105 | Aug. 19, 1980 | 11 | -- | 71 | 18 | 15 | -- | 268 | 28 | 16 | 1.3 | 10.1 | -- | 502 | 252 | 481 | 8.0 | 11.49 | .4 | .0 |
| 604 | Keob | 113 | Sept. 20, 1973 | 15 | -- | 107 | 22 | 17 | -- | 379 | 19 | 27 | .8 | 31.0 | -- | 425 | 358 | 703 | 7.7 | 9.37 | .3 | .0 |
| 604 | Keob | 113 | Aug. 12, 1974 | 13 | -- | 111 | 22 | 17 | -- | 388 | 23 | 27 | .7 | 17.0 | -- | 421 | 369 | 679 | 8.0 | 9.14 | .3 | .0 |
| 604 | Keob | 113 | Aug. 10, 1980 | 13 | -- | 70 | 22 | 13 | -- | 266 | 20 | 21 | .6 | 20.1 | -- | 310 | 266 | 495 | 8.0 | 9.63 | .3 | .0 |
| 607 | Keob | 84 | Aug. 19, 1980 | 12 | -- | 91 | 17 | 10 | -- | 311 | 13 | 17 | .5 | 22.0 | -- | 335 | 295 | 525 | 8.3 | 6.82 | .2 | .0 |
| 608 | Keob | 100 | Aug. 19, 1980 | 16 | -- | 129 | 31 | 21 | -- | 456 | 61 | 30 | 1.5 | 13.4 | -- | 527 | 449 | 763 | 8.3 | 9.22 | .4 | .0 |
| 609 | Keob | 74 | July 8, 1978 | 17 | -- | 124 | 35 | 18 | -- | 468 | 62 | 28 | 1.2 | 16.0 | -- | 531 | 456 | 802 | 7.8 | 7.95 | .3 | .0 |
| 611 | Keob | 67 | July 8, 1978 | 15 | -- | 106 | 34 | 22 | -- | 403 | 35 | 35 | .6 | 41.0 | -- | 486 | 406 | 747 | 7.7 | 10.58 | .4 | .0 |
| 611 | Keob | 67 | Aug. 19, 1980 | 15 | -- | 114 | 25 | 18 | -- | 414 | 20 | 27 | .6 | 22.4 | -- | 445 | 388 | 682 | 8.3 | 9.18 | .3 | .0 |
| 614 | Keob | -- | Aug. 3, 1978 | 11 | -- | 95 | 14 | 10 | -- | 317 | 18 | 14 | .3 | 21.0 | -- | 339 | 296 | 545 | 7.7 | 6.87 | .2 | .0 |
| 615 | Keob | 44 | Aug. 19, 1980 | 10 | -- | 97 | 11 | 10 | -- | 314 | 19 | 15 | .5 | 20.0 | -- | 336 | 288 | 533 | 7.8 | 7.03 | .2 | .0 |
| 619 | Keob | 150 | Aug. 2, 1978 | 12 | -- | 46 | 25 | 80 | -- | 322 | 64 | 39 | 2.6 | <.4 | -- | 427 | 218 | 673 | 7.8 | 44.43 | 2.3 | .9 |
| 701 | Kegr | 382 | July 24, 1978 | 11 | -- | 61 | 64 | 1,114 | -- | 610 | 1,434 | 543 | 4.9 | .7 | -- | 3,532 | 415 | 3,690 | 7.9 | 85.36 | 23.7 | 1.6 |
| 802 | Keob | 180 | Aug. 18, 1980 | 10 | -- | 90 | 14 | 11 | -- | 298 | 17 | 15 | .3 | 18.4 | -- | 322 | 281 | 514 | 8.0 | 7.81 | .2 | .0 |
| 803 | Keob | 180 | Aug. 18, 1980 | 10 | -- | 83 | 14 | 11 | -- | 279 | 16 | 15 | .3 | 19.8 | -- | 306 | 265 | 489 | 7.9 | 8.29 | .2 | .0 |
| 805 | Keob | 141 | July 12, 1978 | 11 | -- | 92 | 13 | 8 | -- | 304 | 16 | 13 | .3 | 19.0 | -- | 321 | 281 | 519 | 7.8 | 5.79 | .2 | .0 |
| 805 | Keob | 141 | Aug. 8, 1980 | 10 | -- | 83 | 12 | 11 | -- | 256 | 18 | 18 | .2 | 28.9 | -- | 306 | 256 | 481 | 8.0 | 8.53 | .2 | .0 |
| 806 | Keob | 175 | July 8, 1978 | 11 | -- | 84 | 12 | 7 | -- | 278 | 15 | 11 | .3 | 31.0 | -- | 307 | 260 | 492 | 7.8 | 5.55 | .1 | .0 |
| 806 | Keob | 175 | Aug. 19, 1980 | 10 | -- | 84 | 13 | 7 | -- | 276 | 13 | 11 | .2 | 28.5 | -- | 302 | 262 | 474 | 8.3 | 5.47 | .1 | .0 |
| 807 | Keob | 182 | July 7, 1978 | 10 | -- | 82 | 16 | 9 | -- | 277 | 21 | 12 | .4 | 28.0 | -- | 314 | 271 | 504 | 7.9 | 6.75 | .2 | .0 |

Table 6. --Chemical Analysis of Water from Selected Wells and Springs in Williamson and Bell Counties--Continued

| Well | Aquifer | Depth of well or sampled interval (ft) | Date of collection | Silica (SiO ₂) | Iron (Fe) | Calcium (Ca) | Magnesium (Mg) | Sodium (Na) | Potassium (K) | Bicarbonate (HCO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Boron (B) | Dissolved solids | Total hardness as CaCO ₃ | Specific conductance (microhmhos at 25°C) | pH | Percent sodium | Sodium adsorption ratio (SAR) | Residual sodium carbonate (RSC) | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---------|--|--------------------|----------------------------|-----------|--------------|----------------|-------------|---------------|---------------------------------|----------------------------|---------------|--------------|----------------------------|-----------|------------------|-------------------------------------|---|-----|----------------|-------------------------------|---------------------------------|------------------------|-------|---------------|----|-------|-----|----|-----|----|-----|-----|-----|-----|------|----|-------|-----|-------|-----|-------|-------|------|-----|
| AX-58-04-807 | Keeb | 182 | Aug. 19, 1980 | 10 | -- | 94 | 9 | 9 | -- | 276 | 21 | 11 | 0.3 | 31.0 | -- | 321 | 271 | 490 | 8.3 | 6.72 | 0.2 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | Bell County--Continued | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | 808 | 276 | Sept. 6, 1974 | -- | < 0.4 | 150 | 30 | 25 | -- | 455 | 45 | 145 | .4 | 25.0 | 0 | 600 | 495 | -- | 7.2 | -- | -- | -- | |
| | | | | | | | | | | | | | | | | | | | | | | | 809 | 404 | July 10, 1978 | 12 | -- | 68 | 24 | 17 | -- | 318 | 25 | 14 | .5 | 2.3 | -- | 319 | 270 | 506 | 7.7 | 12.11 | .4 | .0 | |
| | | | | | | | | | | | | | | | | | | | | | | | 09-102 | 152 | July 11, 1978 | 10 | -- | 84 | 21 | 9 | -- | 321 | 34 | 9 | 1.4 | < .4 | -- | 326 | 294 | 520 | 8.2 | 6.20 | .2 | .0 | |
| | | | | | | | | | | | | | | | | | | | | | | | 102 | 152 | Aug. 18, 1980 | 9 | -- | 96 | 14 | 8 | -- | 306 | 40 | 9 | .9 | 1.4 | -- | 328 | 296 | 514 | 8.4 | 5.53 | .2 | .0 | |
| | | | | | | | | | | | | | | | | | | | | | | | 203 | 390 | July 12, 1978 | 11 | -- | 27 | 14 | 770 | -- | 464 | 750 | 451 | 7.8 | < .4 | -- | 2,259 | 127 | 2,650 | 8.0 | 93.05 | 29.9 | 5.1 | |
| | | | | | | | | | | | | | | | | | | | | | | | 12-201 | 500 | Jan. 31, 1953 | -- | -- | 47 | 25 | 126 | -- | 541 | 114 | 67 | -- | -- | -- | 645 | 221 | -- | -- | -- | 55.46 | 3.6 | 4.4 |
| | | | | | | | | | | | | | | | | | | | | | | | 13-504 | 1,000 | Mar. 22, 1956 | -- | -- | 20 | 30 | 568 | -- | 455 | 483 | 376 | -- | -- | -- | 1,700 | 17 | 2,770 | -- | -- | 87.70 | 18.7 | 3.9 |

Table 7.--Water-Quality Data for Barton Springs, 1978-81

| DATE | TIME | PCB, TOTAL (µg/L) | NAPH- THA- LENES, POLY- CHLOR. TOTAL (µg/L) | ALDRIN, TOTAL (µg/L) | CHLOR- DANE, TOTAL (µg/L) | DDD, TOTAL (µg/L) | DDE, TOTAL (µg/L) | DDT, TOTAL (µg/L) | DI- AZINON, TOTAL (µg/L) |
|------------|------|-------------------------|---|----------------------------|------------------------------------|-------------------------|-------------------------|-------------------------|-----------------------------------|
| JUL , 1978 | | | | | | | | | |
| 18... | 0850 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .03 |
| SEP | | | | | | | | | |
| 27... | 1300 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| DEC | | | | | | | | | |
| 05... | 1245 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| FEB , 1979 | | | | | | | | | |
| 28... | 0950 | .00 | -- | .00 | .00 | .00 | .00 | .00 | .00 |
| JAN , 1980 | | | | | | | | | |
| 16... | 0830 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| JUN | | | | | | | | | |
| 04... | 0920 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| OCT | | | | | | | | | |
| 17... | 0850 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| APR , 1981 | | | | | | | | | |
| 08... | 1315 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| MAY | | | | | | | | | |
| 27... | 1000 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| AUG | | | | | | | | | |
| 24... | 0845 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

| DATE | DI- ELDRIN TOTAL (µg/L) | ENDO- SULFAN, TOTAL (µg/L) | ENDRIN, TOTAL (µg/L) | ETHION, TOTAL (µg/L) | HEPTA- CHLOR, TOTAL (µg/L) | HEPTA- CHLOR EPOXIDE TOTAL (µg/L) | LINDANE TOTAL (µg/L) | MALA- THION, TOTAL (µg/L) | METH- OXY- CHLOR, TOTAL (µg/L) |
|------------|----------------------------------|-------------------------------------|----------------------------|----------------------------|-------------------------------------|---|----------------------------|------------------------------------|--|
| JUL , 1978 | | | | | | | | | |
| 18... | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | -- |
| SEP | | | | | | | | | |
| 27... | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | -- |
| DEC | | | | | | | | | |
| 05... | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | -- |
| FEB , 1979 | | | | | | | | | |
| 28... | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | -- |
| JAN , 1980 | | | | | | | | | |
| 16... | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| JUN | | | | | | | | | |
| 04... | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| OCT | | | | | | | | | |
| 17... | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| APR , 1981 | | | | | | | | | |
| 08... | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| MAY | | | | | | | | | |
| 27... | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| AUG | | | | | | | | | |
| 24... | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

| DATE | METHYL PARA- THION, TOTAL (µg/L) | METHYL TRI- THION, TOTAL (µg/L) | MIREX, TOTAL (µg/L) | PARA- THION, TOTAL (µg/L) | TOX- APHENE, TOTAL (µg/L) | TOTAL TRI- THION (µg/L) | 2,4-D, TOTAL (µg/L) | 2,4,5-T TOTAL (µg/L) | SILVEX, TOTAL (µg/L) |
|------------|--|---|---------------------------|------------------------------------|------------------------------------|----------------------------------|---------------------------|----------------------------|----------------------------|
| JUL , 1978 | | | | | | | | | |
| 18... | .00 | .00 | .00 | .00 | 0 | .00 | .00 | .00 | .00 |
| SEP | | | | | | | | | |
| 27... | .00 | .00 | .00 | .00 | 0 | .00 | .00 | .00 | .00 |
| DEC | | | | | | | | | |
| 05... | .00 | .00 | -- | .00 | 0 | .00 | .00 | .00 | .00 |
| FEB , 1979 | | | | | | | | | |
| 28... | .00 | .00 | .00 | .00 | 0 | .00 | .00 | .00 | .00 |
| JAN , 1980 | | | | | | | | | |
| 16... | .00 | .00 | .00 | .00 | 0 | .00 | .00 | .00 | .00 |
| JUN | | | | | | | | | |
| 04... | .00 | .00 | .00 | .00 | 0 | .00 | .00 | .00 | .00 |
| OCT | | | | | | | | | |
| 17... | .00 | .00 | .00 | .00 | 0 | .00 | .00 | .00 | .00 |
| APR , 1981 | | | | | | | | | |
| 08... | .00 | .00 | .00 | .00 | 0 | .00 | .00 | .00 | .00 |
| MAY | | | | | | | | | |
| 27... | .00 | .00 | .00 | .00 | 0 | .00 | .00 | .00 | .00 |
| AUG | | | | | | | | | |
| 24... | .00 | .00 | .00 | .00 | 0 | .00 | .00 | .00 | .00 |

Table 7.--Water-Quality Data for Barton Springs, 1978-81--Continued

| DATE | TIME | ARSENIC DIS- SOLVED (µg/L as As) | BARIUM, DIS- SOLVED (µg/L as Ba) | CADMIUM DIS- SOLVED (µg/L as Cd) | CHRO- MIUM, DIS- SOLVED (µg/L as Cr) | COPPER, DIS- SOLVED (µg/L as Cu) | IRON, DIS- SOLVED (µg/L as Fe) |
|------------|------|--|--|--|---|--|--|
| JUL , 1978 | | | | | | | |
| 18... | 0850 | 1 | 200 | ND | ND | ND | <10 |
| SEP | | | | | | | |
| 27... | 1300 | 1 | <100 | <2 | ND | <2 | <10 |
| DEC | | | | | | | |
| 05... | 1245 | <1 | 600 | ND | ND | ND | <10 |
| FEB , 1979 | | | | | | | |
| 28... | 0950 | <1 | <100 | ND | ND | ND | <10 |
| SEP | | | | | | | |
| 19... | 1005 | 1 | 50 | <2 | <20 | ND | <10 |
| JAN , 1980 | | | | | | | |
| 16... | 0830 | 0 | 60 | <1 | 0 | 0 | <10 |
| JUN | | | | | | | |
| 04... | 0920 | 1 | 40 | <1 | 0 | 0 | <10 |
| SEP | | | | | | | |
| 26... | 0905 | 1 | 60 | <1 | 10 | <10 | <10 |
| OCT | | | | | | | |
| 17... | 0850 | 1 | 50 | <1 | 10 | <10 | <10 |
| APR , 1981 | | | | | | | |
| 08... | 1315 | 0 | 40 | <1 | 10 | <10 | <10 |
| MAY | | | | | | | |
| 27... | 1000 | 0 | 100 | <1 | 10 | <10 | <10 |
| AUG | | | | | | | |
| 24... | 0845 | 0 | 50 | <1 | 0 | <10 | 87 |

| DATE | LEAD, DIS- SOLVED (µg/L as Pb) | MANGA- NESE, DIS- SOLVED (µg/L as Mn) | MERCURY DIS- SOLVED (µg/L as Hg) | SELE- NIUM, DIS- SOLVED (µg/L as Se) | SILVER, DIS- SOLVED (µg/L as Ag) | ZINC, DIS- SOLVED (µg/L as Zn) |
|------------|--|--|--|---|--|--|
| JUL , 1978 | | | | | | |
| 18... | ND | <10 | <.1 | <1 | ND | <20 |
| SEP | | | | | | |
| 27... | 9 | <10 | <.1 | 1 | ND | 20 |
| DEC | | | | | | |
| 05... | ND | <10 | <.1 | 1 | ND | <20 |
| FEB , 1979 | | | | | | |
| 28... | ND | <10 | <.1 | 1 | ND | <20 |
| SEP | | | | | | |
| 19... | ND | 1 | .2 | <1 | ND | 3 |
| JAN , 1980 | | | | | | |
| 16... | 0 | <1 | .1 | 0 | 0 | <3 |
| JUN | | | | | | |
| 04... | 0 | 3 | .0 | 0 | 0 | <3 |
| SEP | | | | | | |
| 26... | 17 | <1 | .0 | 0 | 0 | <3 |
| OCT | | | | | | |
| 17... | 12 | <1 | .0 | 0 | 0 | <3 |
| APR , 1981 | | | | | | |
| 08... | <10 | 2 | .0 | 0 | 1 | 7 |
| MAY | | | | | | |
| 27... | <10 | <1 | .0 | 0 | 0 | <3 |
| AUG | | | | | | |
| 24... | <10 | 1 | .0 | 0 | 0 | <3 |

Table 7.--Water-Quality Data for Barton Springs, 1978-81--Continued

| DATE | TIME | STREAM-FLOW, INSTANTANEOUS (cfs) | SPECIFIC CONDUCTIVITY (micro-mhos/cm at 25°C) | pH | TEMPERATURE (°C) | COLOR (platinum-cobalt units) | TURBIDITY (ntu) | OXYGEN, DISSOLVED (mg/L) | OXYGEN, DIS-SOLVED (PER-CENT SATURATION) | OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (mg/L) |
|------------|------|----------------------------------|---|-----|------------------|-------------------------------|-----------------|--------------------------|--|---|
| MAR , 1978 | | | | | | | | | | |
| 28... | 1430 | 12 | 675 | 6.9 | 21.0 | -- | -- | 6.2 | 71 | -- |
| 28... | 1435 | 8.0 | 675 | 6.9 | 21.0 | -- | -- | 6.2 | 71 | -- |
| JUL | | | | | | | | | | |
| 18... | 0850 | 20 | 720 | 7.2 | -- | -- | -- | 4.9 | -- | -- |
| SEP | | | | | | | | | | |
| 27... | 1300 | 26 | 683 | 7.0 | 21.5 | 0 | .00 | 7.0 | 81 | .1 |
| FEB , 1979 | | | | | | | | | | |
| 28... | 0950 | 84 | 590 | 7.7 | 18.0 | 0 | 2.0 | 7.8 | 85 | .5 |
| JUL | | | | | | | | | | |
| 10... | 0700 | 99 | 580 | 7.5 | 22.5 | -- | -- | -- | -- | -- |
| SEP | | | | | | | | | | |
| 19... | 1005 | 83 | 593 | 7.0 | 21.0 | 0 | .30 | 7.4 | 82 | .3 |
| NOV | | | | | | | | | | |
| 05... | 0925 | 65 | 640 | 7.1 | 21.0 | 0 | .30 | 6.4 | 72 | .1 |
| JAN , 1980 | | | | | | | | | | |
| 16... | 0830 | 38 | 681 | 7.1 | 21.0 | 5 | 1.5 | 5.6 | 63 | .2 |
| JUN | | | | | | | | | | |
| 04... | 0920 | 77 | 549 | 6.9 | 21.5 | 0 | 1.2 | 5.2 | 58 | .4 |
| SEP | | | | | | | | | | |
| 08... | 0830 | 38 | 627 | 7.0 | 22.0 | -- | -- | -- | -- | -- |
| 26... | 0905 | 37 | 631 | 6.7 | 21.5 | 0 | 12 | -- | -- | .8 |
| OCT | | | | | | | | | | |
| 17... | 0850 | 48 | 600 | 7.1 | 22.0 | 0 | .40 | 6.4 | 74 | .1 |
| 18... | 1700 | 47 | 583 | 7.0 | 22.0 | 0 | .30 | 5.9 | 69 | .3 |
| 20... | 1340 | 47 | 539 | 7.0 | 22.0 | 0 | .50 | 6.3 | 72 | .4 |
| JAN , 1981 | | | | | | | | | | |
| 13... | 0830 | 47 | 604 | 7.1 | 19.5 | 0 | .70 | -- | -- | .1 |
| 28... | 1310 | 51 | 593 | 7.0 | 19.5 | 0 | .60 | -- | -- | .3 |
| APR | | | | | | | | | | |
| 08... | 1315 | 65 | 552 | 7.1 | 20.0 | 0 | 1.1 | 6.8 | 74 | .6 |
| MAY | | | | | | | | | | |
| 27... | 1000 | 66 | 552 | 7.0 | 21.5 | 0 | .80 | 6.5 | 72 | .1 |
| JUL | | | | | | | | | | |
| 17... | 0930 | 103 | 561 | 6.9 | 22.0 | -- | -- | 7.2 | 81 | .4 |
| AUG | | | | | | | | | | |
| 03... | 0940 | 98 | 590 | 7.1 | 22.0 | -- | -- | 6.8 | 76 | -- |
| 11... | 0830 | 94 | 590 | 7.1 | 22.0 | -- | -- | 9.5 | 109 | -- |
| 17... | 0840 | 92 | 608 | 7.4 | 23.0 | -- | -- | 7.3 | 85 | -- |
| 19... | 1340 | 84 | 600 | 7.1 | 21.5 | -- | -- | 6.6 | 75 | -- |
| 24... | 0845 | 91 | 582 | 7.3 | 22.0 | 0 | .40 | 6.9 | 79 | .1 |
| 31... | 0840 | 90 | 584 | 6.8 | 22.0 | -- | -- | 8.0 | 93 | -- |
| SEP | | | | | | | | | | |
| 08... | 0845 | 88 | 586 | 6.7 | 21.5 | -- | -- | 7.2 | 82 | -- |
| 14... | 0830 | 86 | 582 | 6.8 | 22.0 | -- | -- | 7.4 | 86 | -- |
| 21... | 1445 | 84 | 562 | 7.4 | 24.0 | -- | -- | 9.5 | 112 | -- |
| 28... | 0830 | 82 | 578 | 6.7 | 22.0 | -- | -- | 6.5 | 75 | -- |

Table 7.--Water-Quality Data for Barton Springs, 1978-81--Continued

| DATE | COLI-FORM, TOTAL, IMMED. (colonies/100 mL) | COLI-FORM, FECAL, 0.7 UM-MF (colonies/100 mL) | STREP-TOCOCCI FECAL, KF AGAR (colonies/100 mL) | HARD-NESS (mg/L as CaCO ₃) | HARD-NESS, NONCARBONATE (mg/L as CaCO ₃) | CALCIUM DIS-SOLVED (mg/L as Ca) | MAGNESIUM, DIS-SOLVED (mg/L as Mg) | SODIUM, DIS-SOLVED (mg/L as Na) | SODIUM ADSORPTION RATIO (SAR) | POTASSIUM, DIS-SOLVED (mg/L as K) |
|------------|--|---|--|--|--|---------------------------------|------------------------------------|---------------------------------|-------------------------------|-----------------------------------|
| MAR , 1978 | | | | | | | | | | |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUL | | | | | | | | | | |
| 18... | 88 | 1 | 2 | 320 | 54 | 84 | 26 | 33 | .8 | 1.8 |
| SEP | | | | | | | | | | |
| 27... | 2000 | 2 | 39 | 290 | 32 | 80 | 23 | 25 | .6 | 1.6 |
| FEB , 1979 | | | | | | | | | | |
| 28... | 460 | 140 | 160 | 300 | 47 | 91 | 18 | 12 | .3 | 1.0 |
| JUL | | | | | | | | | | |
| 10... | 200 | 25 | 10 | -- | -- | -- | -- | -- | -- | -- |
| SEP | | | | | | | | | | |
| 19... | 700 | 420 | 18 | 300 | 32 | 85 | 20 | 13 | .3 | 1.1 |
| NOV | | | | | | | | | | |
| 05... | 140 | K4 | <1 | -- | -- | -- | -- | -- | -- | -- |
| JAN , 1980 | | | | | | | | | | |
| 16... | 34 | <1 | K2 | 290 | 30 | 79 | 23 | 21 | .5 | 1.5 |
| JUN | | | | | | | | | | |
| 04... | 520 | 63 | 35 | 270 | 19 | 78 | 17 | 11 | .3 | 1.3 |
| SEP | | | | | | | | | | |
| 08... | 1200 | 480 | 110 | 280 | 21 | 79 | 21 | 17 | .4 | 1.5 |
| 26... | 720 | 33 | 3 | 290 | 35 | 81 | 21 | 19 | .5 | 1.6 |
| OCT | | | | | | | | | | |
| 17... | 440 | 34 | 120 | 280 | 27 | 78 | 20 | 17 | .4 | 1.1 |
| 18... | 110 | 23 | K8 | -- | -- | -- | -- | -- | -- | -- |
| 20... | 120 | 41 | 39 | -- | -- | -- | -- | -- | -- | -- |
| JAN , 1981 | | | | | | | | | | |
| 13... | K44 | K1 | <1 | 270 | 24 | 75 | 21 | 18 | .5 | 1.3 |
| 28... | 160 | <1 | K8 | 290 | 36 | 80 | 21 | 18 | .5 | 1.0 |
| APR | | | | | | | | | | |
| 08... | K47 | K7 | 22 | 270 | 18 | 76 | 19 | 14 | .4 | 1.2 |
| MAY | | | | | | | | | | |
| 27... | 720 | 170 | 400 | 270 | 31 | 77 | 19 | 13 | .3 | 1.2 |
| JUL | | | | | | | | | | |
| 17... | 200 | K9 | 260 | -- | -- | -- | -- | -- | -- | -- |
| AUG | | | | | | | | | | |
| 03... | -- | K3 | K3 | -- | -- | -- | -- | -- | -- | -- |
| 11... | -- | K7 | K2 | -- | -- | -- | -- | -- | -- | -- |
| 17... | -- | <1 | K5 | -- | -- | -- | -- | -- | -- | -- |
| 19... | -- | 2600 | 2100 | -- | -- | -- | -- | -- | -- | -- |
| 24... | 120 | K7 | 33 | 290 | 25 | 85 | 20 | 11 | .3 | 1.2 |
| 31... | -- | 160 | 72 | -- | -- | -- | -- | -- | -- | -- |
| SEP | | | | | | | | | | |
| 08... | -- | K11 | K17 | -- | -- | -- | -- | -- | -- | -- |
| 14... | -- | K3 | K6 | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | 24 | 260 | -- | -- | -- | -- | -- | -- | -- |
| 28... | -- | K3 | K1 | -- | -- | -- | -- | -- | -- | -- |

Table 7.--Water-Quality Data for Barton Springs, 1978-81--Continued

| DATE | ALKA- LINITY FIELD (mg/L as CaCO ₃) | CAR- BONATE FET-FLD (mg/L as CO ₃) | SULFATE DIS- SOLVED (mg/L as SO ₄) | CHLO- RIDE, DIS- SOLVED (mg/L as Cl) | FLUO- RIDE, DIS- SOLVED (mg/L as F) | SILICA, DIS- SOLVED (mg/L as SiO ₂) | SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (mg/L) | SOLIDS, VOLA- TILE, SUS- PENDED (mg/L) |
|------------|--|--|--|---|--|--|---|---|
| MAR , 1978 | | | | | | | | |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- |
| JUL | | | | | | | | |
| 18... | 262 | 0 | 43 | 57 | .4 | 11 | 414 | -- |
| SEP | | | | | | | | |
| 27... | 262 | 0 | 35 | 42 | .3 | 11 | 376 | 0 |
| FEB , 1979 | | | | | | | | |
| 28... | 254 | 0 | 25 | 26 | .2 | 9.5 | 336 | 1 |
| JUL | | | | | | | | |
| 10... | -- | -- | -- | -- | -- | -- | -- | -- |
| SEP | | | | | | | | |
| 19... | 262 | -- | 31 | 26 | .3 | 11 | 345 | 0 |
| NOV | | | | | | | | |
| 05... | -- | -- | -- | -- | -- | -- | -- | 2 |
| JAN , 1980 | | | | | | | | |
| 16... | 260 | 0 | 31 | 34 | .2 | 11 | 358 | 0 |
| JUN | | | | | | | | |
| 04... | 250 | 0 | 23 | 17 | .2 | 10 | 305 | 113 |
| SEP | | | | | | | | |
| 08... | 262 | 0 | 25 | 29 | -- | 11 | 341 | -- |
| 26... | 254 | 0 | 30 | 31 | .3 | 11 | 348 | 8 |
| OCT | | | | | | | | |
| 17... | 250 | -- | 29 | 24 | .3 | 11 | 330 | 0 |
| 18... | -- | -- | -- | -- | -- | -- | -- | 0 |
| 20... | -- | -- | -- | -- | -- | -- | -- | 0 |
| JAN , 1981 | | | | | | | | |
| 13... | 250 | -- | 33 | 28 | .3 | 9.8 | 336 | 3 |
| 28... | 250 | -- | 32 | 28 | .2 | 10 | 350 | 0 |
| APR | | | | | | | | |
| 08... | 250 | -- | 26 | 21 | .3 | 9.7 | 318 | 1 |
| MAY | | | | | | | | |
| 27... | 240 | -- | 25 | 20 | .2 | 11 | 311 | 6 |
| JUL | | | | | | | | |
| 17... | -- | -- | -- | -- | -- | -- | -- | -- |
| AUG | | | | | | | | |
| 03... | -- | -- | -- | -- | -- | -- | -- | -- |
| 11... | -- | -- | -- | -- | -- | -- | -- | -- |
| 17... | -- | -- | -- | -- | -- | -- | -- | -- |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- |
| 31... | 270 | -- | 21 | 14 | .2 | 12 | 327 | 0 |

Table 7.--Water-Quality Data for Barton Springs, 1978-81--Continued

| DATE | SOLIDS RESIDUE AT 105°C SUS- PENDED (mg/L) | NITRO- GEN, NITRATE TOTAL (mg/L as N) | NITRO- GEN, NITRITE TOTAL (mg/L as N) | NITRO- GEN, NO ₂ +NO ₃ TOTAL (mg/L as N) | NITRO- GEN, AMMONIA TOTAL (mg/L as N) | NITRO- GEN, ORGANIC TOTAL (mg/L as N) | NITRO- GEN, AM- MONIA + ORGANIC TOTAL (mg/L as N) | PHOS- PHORUS, TOTAL (mg/L as P) | CARBON, ORGANIC TOTAL (mg/L as C) |
|------------|---|--|--|---|--|--|---|---|---|
| MAR , 1978 | | | | | | | | | |
| 28... | -- | .76 | .010 | -- | <.010 | .23 | -- | .010 | -- |
| 28... | -- | .67 | .010 | -- | <.010 | .22 | -- | .010 | -- |
| JUL | | | | | | | | | |
| 18... | -- | .6 | <.010 | 1.6 | .010 | .15 | .16 | <.010 | -- |
| SEP | | | | | | | | | |
| 27... | 0 | 1.5 | <.010 | -- | <.010 | .34 | -- | .010 | .7 |
| FEB , 1979 | | | | | | | | | |
| 28... | 4 | 1.0 | <.010 | 1.0 | .010 | .09 | .10 | .020 | 1.2 |
| JUL | | | | | | | | | |
| 10... | -- | 1.4 | <.010 | 1.4 | .020 | .23 | .25 | .010 | -- |
| SEP | | | | | | | | | |
| 19... | 5 | 1.6 | <.010 | 1.6 | .070 | .11 | .18 | <.010 | 1.7 |
| NOV | | | | | | | | | |
| 05... | 2 | 1.3 | .000 | 1.3 | .000 | .18 | .18 | .000 | 25 |
| JAN , 1980 | | | | | | | | | |
| 16... | 0 | 1.6 | .000 | 1.6 | .000 | .26 | .26 | .050 | 3.8 |
| JUN | | | | | | | | | |
| 04... | 94 | .89 | .040 | .93 | .010 | -- | -- | .010 | 2.0 |
| SEP | | | | | | | | | |
| 08... | -- | 1.8 | .010 | 1.8 | .000 | .88 | .88 | .030 | -- |
| 26... | 7 | 1.7 | .000 | 1.7 | .000 | .17 | .17 | .040 | 3.4 |
| OCT | | | | | | | | | |
| 17... | 0 | 1.4 | .000 | 1.4 | .020 | .37 | .39 | .010 | 2.4 |
| 18... | 8 | 1.3 | .000 | 1.3 | .000 | .38 | .38 | .010 | 4.8 |
| 20... | 4 | 1.1 | .000 | 1.1 | .000 | .39 | .39 | .010 | 9.8 |
| JAN , 1981 | | | | | | | | | |
| 13... | 3 | 1.3 | .010 | 1.3 | .050 | 1.2 | 1.20 | .010 | 7.4 |
| 28... | 0 | 1.1 | .000 | 1.1 | .030 | .60 | .63 | .020 | 13 |
| APR | | | | | | | | | |
| 08... | 4 | .95 | .000 | .95 | .010 | .51 | .52 | .020 | 5.0 |
| MAY | | | | | | | | | |
| 27... | 8 | 1.0 | .000 | 1.0 | .060 | .61 | .67 | .020 | -- |
| JUL | | | | | | | | | |
| 17... | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AUG | | | | | | | | | |
| 03... | 3 | 1.4 | .030 | 1.4 | .170 | .40 | .57 | .010 | .3 |
| 11... | 11 | 1.3 | .000 | 1.3 | .070 | .48 | .55 | .020 | .7 |
| 17... | 13 | 1.3 | .010 | 1.3 | .070 | .53 | .60 | .020 | <.1 |
| 19... | 11 | 1.4 | .000 | 1.4 | .010 | .22 | .23 | .020 | <.1 |
| 24... | 6 | 1.3 | .000 | 1.3 | .060 | .53 | .59 | .030 | <.1 |
| 31... | 4 | 1.6 | .020 | 1.6 | .080 | .58 | .66 | <.010 | .9 |
| SEP | | | | | | | | | |
| 08... | 5 | 1.4 | .000 | 1.4 | .050 | .58 | .63 | .020 | 1.3 |
| 14... | 11 | 1.2 | .000 | 1.2 | .050 | .51 | .56 | .010 | <.1 |
| 21... | 0 | 1.1 | .010 | 1.1 | .030 | .51 | .54 | .010 | .6 |
| 28... | 0 | -- | <.020 | 1.4 | <.070 | -- | .61 | .020 | .1 |

Table 8.—Summary of Regulations for Selected Water-Quality Constituents and Properties for Public Water Systems

($\mu\text{g}/\text{l}$ —micrograms per liter; mg/l —milligrams per liter)

DEFINITIONS

Contaminant—Any physical, chemical, biological, or radiological substance or matter in water.

Public water system—A system for the provision of piped water to the public for human consumption, if such system has at least 15 service connections or regularly serves at least 25 individuals daily at least 60 days out of the year.

Maximum contaminant level—The maximum permissible level of a contaminant in water which is delivered to the free-flowing outlet of the ultimate user of a public water system. Maximum contaminant levels are those levels set by the U.S. Environmental Protection Agency (1976) in the National Interim Primary Drinking Water Regulations. These regulations deal with contaminants that may have a significant direct impact on the health of the consumer and are enforceable by the Environmental Protection Agency.

Secondary maximum contaminant level—The advisable maximum level of a contaminant in water which is delivered to the free-flowing outlet of the ultimate user of a public water system. Secondary maximum contaminant levels are those levels proposed by the Environmental Protection Agency (1977a) in the National Secondary Drinking Water Regulations. These regulations deal with contaminants that may not have a significant direct impact on the health of the consumer, but their presence in excessive quantities may affect the esthetic qualities and discourage the use of a drinking-water supply by the public.

INORGANIC CHEMICALS AND RELATED PROPERTIES

| Contaminant | Maximum contaminant level | Secondary maximum contaminant level |
|---------------------------|------------------------------|-------------------------------------|
| Arsenic (As) | 50 $\mu\text{g}/\text{l}$ | — |
| Barium (Ba) | 1,000 $\mu\text{g}/\text{l}$ | — |
| Cadmium (Cd) | 10 $\mu\text{g}/\text{l}$ | — |
| Chloride (Cl) | — | 250 mg/l |
| Chromium (Cr) | 50 $\mu\text{g}/\text{l}$ | — |
| Copper (Cu) | — | 1,000 $\mu\text{g}/\text{l}$ |
| Iron (Fe) | — | 300 $\mu\text{g}/\text{l}$ |
| Lead (Pb) | 50 $\mu\text{g}/\text{l}$ | — |
| Manganese (Mn) | — | 50 $\mu\text{g}/\text{l}$ |
| Mercury (Hg) | 2 $\mu\text{g}/\text{l}$ | — |
| Nitrate (as N) | 10 mg/l | — |
| pH | — | 6.5—8.5 |
| Selenium (Se) | 10 $\mu\text{g}/\text{l}$ | — |
| Silver (Ag) | 50 $\mu\text{g}/\text{l}$ | — |
| Sulfate (SO_4) | — | 250 mg/l |
| Zinc (Zn) | — | 5,000 $\mu\text{g}/\text{l}$ |
| Dissolved solids | — | 500 mg/l |

Fluoride—The maximum contamination level for fluoride depends on the annual average of the maximum daily air temperatures for the location in which the community water system is situated. A range of annual averages of maximum daily air temperatures and corresponding maximum contamination level for fluoride are given in the following tabulation.

| Average of maximum daily air temperatures (degrees Celsius) | Maximum contaminant level for fluoride (mg/l) |
|--|--|
| 12.0 and below | 2.4 |
| 12.1—14.6 | 2.2 |
| 14.7—17.6 | 2.0 |
| 17.7—21.4 | 1.8 |
| 21.5—26.2 | 1.6 |
| 26.3—32.5 | 1.4 |

Table 8.—Summary of Regulations for Selected Water-Quality Constituents and Properties for Public Water Systems—Continued

ORGANIC CHEMICALS

| Chlorinated Hydrocarbons | | Chlorophenoxys | |
|--------------------------|---|----------------|---|
| Contaminant | Maximum contaminant level ($\mu\text{g}/\text{l}$) | Contaminant | Maximum contaminant level ($\mu\text{g}/\text{l}$) |
| Endrin | 0.2 | 2,4-D | 100 |
| Lindane | 4 | Silvex | 10 |
| Methoxychlor | 100 | | |
| Toxaphene | 5 | | |

Table 9.--Source and Significance of Selected Constituents and Properties
Commonly Reported in Water Analyses 1/

(mg/l, milligrams per liter; µg/l, micrograms per liter; micromhos, micromhos per centimeter at 25° Celsius)

| CONSTITUENT OR PROPERTY | SOURCE OR CAUSE | SIGNIFICANCE |
|----------------------------|---|---|
| Silica (SiO ₂) | Silicon ranks second only to oxygen in abundance in the Earth's crust. Contact of natural waters with silica-bearing rocks and soils usually results in a concentration range of about 1 to 30 mg/L; but concentrations as large as 100 mg/L are common in waters in some areas. | Although silica in some domestic and industrial water supplies may inhibit corrosion of iron pipes by forming protective coatings, it generally is objectionable in industrial supplies, particularly in boiler feedwater, because it may form hard scale in boilers and pipes or deposit in the tubes of heaters and on steam-turbine blades. |
| Iron (Fe) | Iron is an abundant and widespread constituent of many rocks and soils. Iron concentrations in natural waters are dependent upon several chemical equilibria processes including oxidation and reduction; precipitation and solution of hydroxides, carbonates, and sulfides; complex formation especially with organic material; and the metabolism of plants and animals. Dissolved-iron concentrations in oxygenated surface waters seldom are as much as 1 mg/L. Some ground waters, unox-ygenated surface waters such as deep waters of stratified lakes and reservoirs, and acidic waters resulting from discharge of industrial wastes or drainage from mines may contain considerably more iron. Corrosion of iron casings, pumps, and pipes may add iron to water pumped from wells. | Iron is an objectionable constituent in water supplies for domestic use because it may adversely affect the taste of water and beverages and stain laundered clothes and plumbing fixtures. According to the National Secondary Drinking Water Regulations proposed by the U.S. Environmental Protection Agency (1977a), the secondary maximum contamination level of iron for public water systems is 300 µg/L. Iron also is undesirable in some industrial water supplies, particularly in waters used in high-pressure boilers and those used for food processing, production of paper and chemicals, and bleaching or dyeing of textiles. |
| Calcium (Ca) | Calcium is widely distributed in the common minerals of rocks and soils and is the principal cation in many natural freshwaters, especially those that contact deposits or soils originating from limestone, dolomite, gypsum, and gypsiferous shale. Calcium concentrations in freshwaters usually range from zero to several hundred milligrams per liter. Larger concentrations are not uncommon in waters in arid regions, especially in areas where some of the more soluble rock types are present. | Calcium contributes to the total hardness of water. Small concentrations of calcium carbonate combat corrosion of metallic pipes by forming protective coatings. Calcium in domestic water supplies is objectionable because it tends to cause incrustations on cooking utensils and water heaters and increases soap or detergent consumption in waters used for washing, bathing, and laundering. Calcium also is undesirable in some industrial water supplies, particularly in waters used by electroplating, textile, pulp and paper, and brewing industries and in water used in high-pressure boilers. |
| Magnesium (Mg) | Magnesium ranks eight among the elements in order of abundance in the Earth's crust and is a common constituent in natural water. Ferromagnesian minerals in igneous rock and magnesium carbonate in carbonate rocks are two of the more important sources of magnesium in natural waters. Magnesium concentrations in freshwaters usually range from zero to several hundred milligrams per liter; but larger concentrations are not uncommon in waters associated with limestone or dolomite. | Magnesium contributes to the total hardness of water. Large concentrations of magnesium are objectionable in domestic water supplies because they can exert a cathartic and diuretic action upon unacclimated users and increase soap or detergent consumption in waters used for washing, bathing, and laundering. Magnesium also is undesirable in some industrial supplies, particularly in waters used by textile, pulp and paper, and brewing industries and in water used in high-pressure boilers. |
| Sodium (Na) | Sodium is an abundant and widespread constituent of many soils and rocks and is the principal cation in many natural waters associated with argillaceous sediments, marine shales, and evaporites and in sea water. Sodium salts are very soluble and once in solution tend to stay in solution. Sodium concentrations in natural waters vary from less than 1 mg/L in stream runoff from areas of high rainfall to more than 100,000 mg/L in ground and surface waters associated with halite deposits in arid areas. In addition to natural sources of sodium, sewage, industrial effluents, oilfield brines, and deicing salts may contribute sodium to surface and ground waters. | Sodium in drinking water may impart a salty taste and may be harmful to persons suffering from cardiac, renal, and circulatory diseases and to women with toxemias of pregnancy. Sodium is objectionable in boiler feedwaters because it may cause foaming. Large sodium concentrations are toxic to most plants; and a large ratio of sodium to total cations in irrigation waters may decrease the permeability of the soil, increase the pH of the soil solution, and impair drainage. |

Table 9.- Source and Significance of Selected Constituents and Properties Commonly Reported in Water Analyses--Continued

| CONSTITUENT OR PROPERTY | SOURCE OR CAUSE | SIGNIFICANCE |
|----------------------------|---|---|
| Potassium (K) | Although potassium is only slightly less common than sodium in igneous rocks and is more abundant in sedimentary rocks, the concentration of potassium in most natural waters is much smaller than the concentration of sodium. Potassium is liberated from silicate minerals with greater difficulty than sodium and is more easily adsorbed by clay minerals and reincorporated into solid weathering products. Concentrations of potassium more than 20 mg/L are unusual in natural freshwaters, but much larger concentrations are not uncommon in brines or in water from hot springs. | Large concentrations of potassium in drinking water may impart a salty taste and act as a cathartic, but the range of potassium concentrations in most domestic supplies seldom cause these problems. Potassium is objectionable in boiler feedwaters because it may cause foaming. In irrigation water, potassium and sodium act similarly upon the soil, although potassium generally is considered less harmful than sodium. |
| Alkalinity | Alkalinity is a measure of the capacity of a water to neutralize a strong acid, usually to pH of 4.5, and is expressed in terms of an equivalent concentration of calcium carbonate (CaCO ₃). Alkalinity in natural waters usually is caused by the presence of bicarbonate and carbonate ions and to a lesser extent by hydroxide and minor acid radicals such as borates, phosphates, and silicates. Carbonates and bicarbonates are common to most natural waters because of the abundance of carbon dioxide and carbonate minerals in nature. Direct contribution to alkalinity in natural waters by hydroxide is rare and usually can be attributed to contamination. The alkalinity of natural waters varies widely but rarely exceeds 400 to 500 mg/L as CaCO ₃ . | Alkaline waters may have a distinctive unpleasant taste. Alkalinity is detrimental in several industrial processes, especially those involving the production of food and carbonated or acid-fruit beverages. The alkalinity in irrigation waters in excess of alkaline earth concentrations may increase the pH of the soil solution, leach organic material and decrease permeability of the soil, and impair plant growth. |
| Sulfate (SO ₄) | Sulfur is a minor constituent of the Earth's crust but is widely distributed as metallic sulfides in igneous and sedimentary rocks. Weathering of metallic sulfides such as pyrite by oxygenated water yields sulfate ions to the water. Sulfate is dissolved also from soils and evaporite sediments containing gypsum or anhydrite. The sulfate concentration in natural freshwaters may range from zero to several thousand milligrams per liter. Drainage from mines may add sulfate to waters by virtue of pyrite oxidation. | Sulfate in drinking water may impart a bitter taste and act as a laxative on unacclimated users. According to the National Secondary Drinking Water Regulations proposed by the Environmental Protection Agency (1977a) the secondary maximum contaminant level of sulfate for public water systems is 250 mg/L. Sulfate also is undesirable in some industrial supplies, particularly in waters used for the production of concrete, ice, sugar, and carbonated beverages and in waters used in high-pressure boilers. |
| Chloride (Cl) | Chloride is relatively scarce in the Earth's crust but is the predominant anion in sea water, most petroleum-associated brines, and in many natural freshwaters, particularly those associated with marine shales and evaporites. Chloride salts are very soluble and once in solution tend to stay in solution. Chloride concentrations in natural waters vary from less than 1 mg/L in stream runoff from humid areas to more than 100,000 mg/L in ground and surface waters associated with evaporites in arid areas. The discharge of human, animal, or industrial wastes and irrigation return flows may add significant quantities of chloride to surface and ground waters. | Chloride may impart a salty taste to drinking water and may accelerate the corrosion of metals used in water-supply systems. According to the National Secondary Drinking Water Regulations proposed by the Environmental Protection Agency (1977a), the secondary maximum contaminant level of chloride for public water systems is 250 mg/L. Chloride also is objectionable in some industrial supplies, particularly those used for brewing and food processing, paper and steel production, and textile processing. Chloride in irrigation waters generally is not toxic to most crops but may be injurious to citrus and stone fruits. |
| Fluoride (F) | Fluoride is a minor constituent of the Earth's crust. The calcium fluoride mineral fluorite is a widespread constituent of resistate sediments and igneous rocks, but its solubility in water is negligible. Fluoride commonly is associated with volcanic gases, and volcanic emanations may be important sources of fluoride in some areas. The | Fluoride in drinking water decreases the incidence of tooth decay when the water is consumed during the period of enamel calcification. Excessive quantities in drinking water consumed by children during the period of enamel calcification may cause a characteristic discoloration (mottling) of the teeth. According to the |

Table 9.--Source and Significance of Selected Constituents and properties Commonly Reported in Water Analyses--Continued

| CONSTITUENT OR PROPERTY | SOURCE OR CAUSE | SIGNIFICANCE |
|-------------------------|--|--|
| Fluoride-- Cont. | fluoride concentration in fresh surface waters usually is less than 1 mg/L; but larger concentrations are not uncommon in saline water from oil wells, ground water from a wide variety of geologic terranes, and water from areas affected by volcanism. | National Interim Primary Drinking Water Regulations established by the Environmental Protection Agency (1976) the maximum contaminant level of fluoride in drinking water varies from 1.4 to 2.4 mg/L, depending upon the annual average of the maximum daily air temperature for the area in which the water system is located. Excessive fluoride is also objectionable in water supplies for some industries, particularly in the production of food, beverages, and pharmaceutical items. |
| Nitrogen (N) | A considerable part of the total nitrogen of the Earth is present as nitrogen gas in the atmosphere. Small amounts of nitrogen are present in rocks, but the element is concentrated to a greater extent in soils or biological material. Nitrogen is a cyclic element and may occur in water in several forms. The forms of greatest interest in water in order of increasing oxidation state, include organic nitrogen, ammonia nitrogen (NH ₄ -N), nitrite nitrogen (NO ₂ -N) and nitrate nitrogen (NO ₃ -N). These forms of nitrogen in water may be derived naturally from the leaching of rocks, soils, and decaying vegetation; from rainfall; or from biochemical conversion of one form to another. Other important sources of nitrogen in water include effluent from wastewater treatment plants, septic tanks, and cesspools and drainage from barnyards, feed lots, and fertilized fields. Nitrate is the most stable form of nitrogen in an oxidizing environment and is usually the dominant form of nitrogen in natural waters and in polluted waters that have undergone self-purification or aerobic treatment processes. Significant quantities of reduced nitrogen often are present in some ground waters, deep unoxxygenated waters of stratified lakes and reservoirs, and waters containing partially stabilized sewage or animal wastes. | Concentrations of any of the forms of nitrogen in water significantly greater than the local average may suggest pollution. Nitrate and nitrite are objectionable in drinking water because of the potential risk to bottle-fed infants for methemoglobinemia, a sometimes fatal illness related to the impairment of the oxygen-carrying ability of the blood. According to the National Interim Primary Drinking Water Regulations (U.S. Environmental Protection Agency, 1976), the maximum contaminant level of nitrate (as N) in drinking water is 10 mg/L. Although a maximum contaminant level for nitrite is not specified in the drinking water regulations, Appendix A to the regulations (U.S. Environmental Protection Agency, 1976) indicates that waters with nitrite concentrations (as N) greater than 1 mg/L should not be used for infant feeding. Excessive nitrate and nitrite concentrations are also objectionable in water supplies for some industries, particularly in waters used for the dyeing of wool and silk fabrics and for brewing. |
| Phosphorus (P) | Phosphorus is a major component of the mineral apatite, which is widespread in igneous rock and marine sediments. Phosphorus also is a component of household detergents, fertilizers, human and animal metabolic wastes, and other biological material. Although small concentrations of phosphorus may occur naturally in water as a result of leaching from rocks, soils, and decaying vegetation, larger concentrations are likely to occur as a result of pollution. | Phosphorus stimulates the growth of algae and other nuisance aquatic plant growth, which may impart undesirable tastes and odor to the water, become esthetically unpleasant, alter the chemistry of the water supply, and affect water treatment processes. |
| Dissolved solids | Theoretically, dissolved solids are anhydrous residues of the dissolved substance in water. In reality, the term "dissolved solids" is defined by the method used in the determination. In most waters, the dissolved solids consist predominantly of silica, calcium, magnesium, sodium, potassium, carbonate, bicarbonate, chloride, and sulfate with minor or trace amounts of other inorganic and organic constituents. In regions of high rainfall and relatively insoluble rocks, waters may contain dissolved-solids concentrations of less than 25 mg/L; but saturated sodium chloride brines in other areas may contain more than 300,000 mg/L. | Dissolved-solids values are used widely in evaluating water quality and in comparing waters. The following classification based on the concentrations of dissolved solids commonly is used by the Geological Survey (Winslow and Kister, 1956). |

| Classification | Dissolved-solids concentration (mg/L) |
|-------------------|---------------------------------------|
| Fresh | <1,000 |
| Slightly saline | 1,000 - 3,000 |
| Moderately saline | 3,000 - 10,000 |
| Very saline | 10,000 - 35,000 |
| Brine | >35,000 |

The National Secondary Drinking Regulations (U.S. Environmental Protection Agency, 1977a)

Table 9.--Source and Significance of Selected Constituents and Properties Commonly Reported in Water Analyses--Continued

| CONSTITUENT OR PROPERTY | SOURCE OR CAUSE | SIGNIFICANCE | | | | | | | | | | |
|---------------------------------------|---|---|---------------------------------------|----------------|--------|------|----------|-----------------|-----------|------|------|-----------|
| Dissolved solids-- Cont. | | set a dissolved-solids concentration of 500 mg/L as the secondary maximum contaminant level for public water systems. This level was set primarily on the basis of taste thresholds and potential physiological effects, particularly the laxative effect on unacclimated users. Although drinking waters containing more than 500 mg/L are undesirable, such waters are used in many areas where less mineralized supplies are not available without any obvious ill effects. Dissolved solids in industrial water supplies can cause foaming in boilers; interfere with clearness, color, or taste of many finished products; and accelerate corrosion. Uses of water for irrigation also are limited by excessive dissolved-solids concentrations. Dissolved solids in irrigation water may adversely affect plants directly by the development of high osmotic conditions in the soil solution and the presence of phytotoxins in the water or indirectly by their effect on soils. | | | | | | | | | | |
| Specific conductance | Specific conductance is a measure of the ability of water to transmit an electrical current and depends on the concentrations of ionized constituents dissolved in the water. Many natural waters in contact only with granite, well-leached soil, or other sparingly soluble material have a conductance of less than 50 micromhos. The specific conductance of some brines exceed several hundred thousand micromhos. | The specific conductance is an indication of the degree of mineralization of a water and may be used to estimate the concentration of dissolved solids in the water. | | | | | | | | | | |
| Hardness as CaCO ₃ | Hardness of water is attributable to all polyvalent metals but principally to calcium and magnesium ions expressed as CaCO ₃ (calcium carbonate). Water hardness results naturally from the solution of calcium and magnesium, both of which are widely distributed in common minerals of rocks and soils. Hardness of waters in contact with limestone commonly exceeds 200 mg/L. In waters from gypsiferous formations, a hardness of 1,000 mg/L is not uncommon. | Hardness values are used in evaluating water quality and in comparing waters. The following classification is commonly used by the Geological Survey. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Hardness (mg/L as CaCO₃)</th> <th>Classification</th> </tr> </thead> <tbody> <tr> <td>0 - 60</td> <td>Soft</td> </tr> <tr> <td>61 - 120</td> <td>Moderately hard</td> </tr> <tr> <td>121 - 180</td> <td>Hard</td> </tr> <tr> <td>>180</td> <td>Very hard</td> </tr> </tbody> </table> <p>Excessive hardness of water for domestic use is objectionable because it causes incrustations on cooking utensils and water heaters and increased soap or detergent consumption. Excessive hardness is undesirable also in many industrial supplies. (See discussions concerning calcium and magnesium.)</p> | Hardness (mg/L as CaCO ₃) | Classification | 0 - 60 | Soft | 61 - 120 | Moderately hard | 121 - 180 | Hard | >180 | Very hard |
| Hardness (mg/L as CaCO ₃) | Classification | | | | | | | | | | | |
| 0 - 60 | Soft | | | | | | | | | | | |
| 61 - 120 | Moderately hard | | | | | | | | | | | |
| 121 - 180 | Hard | | | | | | | | | | | |
| >180 | Very hard | | | | | | | | | | | |
| pH | The pH of a solution is a measure of its hydrogen ion activity. By definition, the pH of pure water at a temperature of 25°C is 7.00. Natural waters contain dissolved gases and minerals, and the pH may deviate significantly from that of pure water. Rainwater not affected significantly by atmospheric pollution generally has a pH of 5.6 due to the solution of carbon dioxide from the atmosphere. The pH range of most natural surface and ground waters is about 6.0 to 8.5. Many natural waters are slightly basic (pH >7.0) because of the prevalence of carbonates and bicarbonates, which tend to increase the pH. | The pH of a domestic or industrial water supply is significant because it may affect taste, corrosion potential, and water-treatment processes. Acidic waters may have a sour taste and cause corrosion of metals and concrete. The National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 1977a) set a pH range of 6.5 to 8.5 as the secondary maximum contaminant level for public water systems. | | | | | | | | | | |

1/ Most of the material in this table has been summarized from several references. For a more thorough discussion of the source and significance of these and other water-quality properties and constituents, the reader is referred to the following additional references: American Public Health Association and others (1975); Hem (1970); McKee and Wolf (1963); National Academy of Science, National Academy of Engineering (1973); National Technical Advisory Committee to the Secretary of the Interior (1968); and U.S. Environmental Protection Agency (1977b).

Table 10.--Hydrologic Data and Site Descriptions for Low-Flow Investigations in Salado Creek

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|-----------------------------------|--|-------------------------|---------------|--------------------------------|----------------|--|------------------------|------------------------------------|--|
| | | | | | Main stream | Tributary | | | | |
| 1 | South Salado Creek | Lat 30°51'07", Long 97°48'19", at State Highway 195, 9.0 mi upstream from mouth, and 0.9 mi northwest of Florence. | 36.0 | Apr. 24, 1978 | 0 | -- | -- | -- | Solid rock and caliche. | -- |
| | | | | Aug. 14, 1978 | 0 | -- | 460 | -- | | |
| | | | | Feb. 16, 1979 | 0.49 <u>2/</u> | -- | 500 | 6.0 | | |
| 2 | North Salado Creek | Lat 30°51'23", Long 97°46'00", 5.5 mi upstream from mouth. | 27.0 <u>1/</u> | Apr. 24, 1978 | 0 | -- | 540 | -- | Silt and gravel. | -- |
| | | | | Aug. 14, 1978 | 0 | -- | 540 | 7.0 | | |
| | | | | Feb. 16, 1979 | 0 | 0.12 | 540 | -- | | |
| 3 | do | Lat 30°51'13", Long 97°44'38", 4.0 mi upstream from mouth. | 27.0 <u>1/</u> | Apr. 24, 1978 | 0 | -- | 420 | -- | Gravel and clay. | -- |
| | | | | Aug. 15, 1978 | 0 | -- | 420 | 8.0 | | |
| | | | | Feb. 16, 1979 | 0 | .54 | 420 | -- | | |
| 4 | South Salado Creek | Lat 30°49'37", Long 97°41'38", at County Road 232 and 500 ft upstream from mouth. | 27.1 | Apr. 24, 1978 | 0 | -- | -- | -- | Gravel and rock. | -- |
| | | | | Aug. 14, 1978 | 0 | -- | 502 | -- | | |
| | | | | Feb. 16, 1979 | 7.09 | -- | 379 | 27.1 | | |
| 5 | North Salado Creek | Lat 30°49'41", Long 97°41'35", 250 ft upstream from mouth. | 27.0 <u>1/</u> | Apr. 24, 1978 | -- | 0.08 <u>2/</u> | 520 | 22.0 | Gravel. | -- |
| | | | | Aug. 14, 1978 | -- | 0 | 520 | 25.5 | | |
| | | | | Feb. 16, 1979 | -- | 5.38 | 552 | 9.0 | | |
| 6 | Salado Creek | Lat 30°49'35", Long 97°38'36", at County Road 309. | 23.5 | Apr. 24, 1978 | 0 | -- | -- | -- | do | -- |
| | | | | Aug. 15, 1978 | 0 | -- | 500 | 8.0 | | |
| | | | | Feb. 16, 1979 | 4.86 | -- | 500 | -- | | |
| 7 | do | Lat 30°51'47", Long 97°38'05", 300 ft above old road crossing. | 20.5 | Apr. 24, 1978 | .47 | -- | 458 | 22.5 | Solid rock with overlay of gravel. | Numerous seeps coming from banks. |
| | | | | Aug. 14, 1978 | .11 | -- | 510 | 10.0 | | |
| | | | | Feb. 16, 1979 | 7.1 | -- | 540 | 24.5 | | |
| 8 | Unnamed Tributary to Salado Creek | Lat 30°51'54", Long 97°38'04", measured at mouth. | 20.5 <u>1/</u> | Apr. 24, 1978 | -- | .38 <u>2/</u> | -- | -- | Solid rock. | -- |
| | | | | Aug. 14, 1978 | -- | .96 | 590 | 13.5 | | |
| | | | | Feb. 16, 1979 | -- | .15 | 502 | 24.6 | | |
| 9 | Salado Creek | Lat 30°56'59", Long 97°33'52", 200 feet below Ramsey Creek. | 16.8 | Apr. 24, 1978 | 2.05 | -- | 358 | 31.5 | Gravel. | Ramsey Creek flow: 0.5 cfs Apr. 24, 1978; 0.2 cfs Aug. 14, 1978, 1979. |
| | | | | Aug. 14, 1978 | .41 | -- | 356 | 30.0 | | |
| | | | | Feb. 16, 1979 | 21.7 | -- | 550 | 10.5 | | |
| 10 | Watkins Branch | Lat 30°56'59", Long 97°33'20", 1,000 ft upstream from mouth. | 10.2 <u>1/</u> | Apr. 24, 1978 | -- | .35 | 402 | 31.0 | Solid rock. | -- |
| | | | | Aug. 14, 1978 | -- | .34 | 350 | 32.0 | | |
| | | | | Feb. 16, 1979 | -- | 1.80 | 605 | 6.5 | | |
| 11 | Salado Creek | Lat 30°56'49", Long 97°33'16", 10 ft below mouth of Watkins Branch. | 10.2 | Apr. 24, 1978 | 4.93 | -- | 378 | 31.0 | Gravel. | -- |
| | | | | Aug. 14, 1978 | .06 | -- | 340 | 33.5 | | |
| | | | | Feb. 16, 1979 | 47.3 | -- | 530 | 9.0 | | |
| 12 | do | Lat 30°56'43", Long 97°31'58", 50 ft above road to park and 0.4 mi downstream from U.S. Highway 35 at Salado. | 9.8 | Apr. 24, 1978 | 16.1 | -- | 503 | 25.0 | Solid rock. | -- |
| | | | | Aug. 14, 1978 | 9.30 | -- | 560 | 25.0 | | |
| | | | | Feb. 16, 1979 | 72.3 | -- | 590 | 12.5 | | |
| | | | | Aug. 15, 1979 | 53.2 | -- | 510 | 24.9 | | |

1/ River miles at mouth.
2/ Estimated.

Table 11.--Hydrologic Data and Site Descriptions for Low-Flow Investigations in Berry Creek

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|---------------------------------------|---|-------------------------|--|---|--|--|------------------------|----------------------------|---------|
| | | | | | Main stream | Tributary | | | | |
| 1 | Berry Creek | Lat 30°52'47", long 97°55'11", at U.S. Highway 183 at Briggs, | 30.5 | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 14, 1979 | 0 0.30 .01 | -- -- -- -- | -- 16.0 530 518 | Gravel and mud. | -- | |
| 2 | do | Lat 30°50'36", long 97°51'30", at State Highway 195 near Florence. | 25.6 | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 14, 1979 | 0 4.49 .38 | -- -- -- -- | -- 17.0 510 594 | Gravel. | -- | |
| 3 | Stapp Branch | Lat 30°48'52", long 97°51'18", at county road near Florence, and 1.6 mi upstream from mouth. | 23.0 $\frac{1}{2}$ | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 14, 1979 | -- -- 1.37 0 | 0 0 | -- -- 435 -- | Silt and gravel. | -- | |
| 4 | Berry Creek | Lat 30°48'38", long 97°49'13", at Farm Road 970 near Florence. | 22.4 | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 14, 1979 | 0 11.2 1.15 | -- -- -- -- | -- -- 490 418 | Boulders and gravel. | -- | |
| 5 | South Berry Creek | Lat 30°46'53", long 97°49'53", at County Road 251 near Andice, and 2.0 mi upstream from mouth. | 19.8 $\frac{1}{2}$ | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 14, 1979 | -- -- 5.61 .62 | 0 0 | 436 -- 520 436 | Gravel. | -- | |
| 6 | Berry Creek | Lat 30°46'45", long 97°47'45", at County Road 241 near Andice. | 19.4 | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 14, 1979 | .05 $\frac{1}{2}$ 24.6 2.60 $\frac{1}{2}$ | -- -- -- -- | 430 -- 420 410 | -- | -- | |
| 7 | do | Lat 30°46'09", long 97°45'43", near State Highway 195 near Florence. | 16.9 | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 14, 1979 | 0 25.4 3.16 | -- -- -- -- | -- -- 480 406 | Gravel. | -- | |
| 8 | Unnamed Tributary of Berry Creek | Lat 30°46'19", long 97°45'09", 0.2 mi downstream from Cobert mailbox at State Highway 195 and 1.1 mi upstream from mouth. | 15.5 $\frac{1}{2}$ | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 14, 1979 | -- -- 1.57 .18 | .12 $\frac{1}{2}$ 0 | 562 -- 575 550 | Mud and gravel. | -- | |
| 9 | do | Lat 30°45'13", long 97°44'04", at State Highway 195 and 0.4 mi upstream from mouth. | 14.3 $\frac{1}{2}$ | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 15, 1979 | -- -- 0 0 | 0 0 | -- -- -- -- | -- | -- | |
| 10 | Berry Creek | Lat 30°45'01", long 97°43'56", at low-water crossing. | 14.4 | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 15, 1979 | 0 27.8 .47 | -- -- -- -- | -- -- 498 324 | Gravel. | -- | |
| 11 | Small Spring Tributary to Berry Creek | Lat 30°44'42", long 97°44'06", 50 ft from Berry Creek low-water channel. | 14.0 $\frac{1}{2}$ | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 15, 1979 | -- -- -- -- | .02 $\frac{1}{2}$ -.003 $\frac{1}{2}$.06 .07 | 602 590 580 700 | -- | -- | |
| 12 | Berry Creek | Lat 30°44'03", long 97°43'37", at 4-T Ranch. | 12.8 | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 15, 1979 | 0 18.6 0 | -- -- -- -- | -- -- 490 -- | Gravel. | -- | |
| 13 | do | Lat 30°43'06", long 97°43'36", 200 ft above mouth of Cowan. | 11.5 | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 15, 1979 | 0 17.4 0 | -- -- -- -- | -- -- 470 -- | do | -- | |
| 14 | Cowan Creek | Lat 30°43'11", long 97°43'38", on 4-T Ranch and 600 ft upstream from mouth. | 11.4 $\frac{1}{2}$ | Apr. 21, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 15, 1979 | -- -- -- -- | .83 .21 6.50 2.66 | 542 556 600 556 | Gravel and rock. | -- | |
| 15 | Berry Creek | Lat 30°42'10", long 97°39'58", | 4.9 | Apr. 24, 1978 Avg. 15, 1978 Feb. 15, 1979 Aug. 16, 1979 | 0 27.0 7.35 | -- -- -- -- | -- -- 495 594 | Gravel and solid rock. | -- | |

See footnote at end of table.

Table 11.-Hydrologic Data and Site Descriptions for Low-Flow Investigations in Berry Creek-Continued

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|-----------------------------|--|-------------------------|---------------|--------------------------------|--------------------|--|------------------------|----------------------------|---|
| | | | | | Main stream | Tributary | | | | |
| 16 | Berry Creek near Georgetown | Lat 30°41'28", Long 97°39'21", 600 ft below gage. | 3.6 | Apr. 21, 1978 | 0.18 | -- | 458 | 20.0 | Solid rock. | -- |
| | | | | Aug. 15, 1978 | 0 | -- | -- | -- | | |
| | | | | Feb. 15, 1979 | 33.2 | -- | 510 | 19.5 | | |
| 17 | Dry Berry Creek | Lat 30°41'02", Long 97°38'16", 0.4 mi upstream from mouth. | 1.8 ^{1/} | Aug. 16, 1979 | 14.3 | -- | 566 | 22.5 | Gravel. | Estimate made at this site. |
| | | | | Apr. 24, 1978 | -- | 0.08 ^{2/} | 540 | 23.0 | | |
| | | | | Aug. 15, 1978 | -- | 0 | -- | 470 | | |
| 18 | Berry Creek | Lat 30°40'33", Long 97°36'52", 300 ft below road crossing and 0.4 mi upstream from mouth (confluence with San Gabriel River at river mile 57.9). | .4 | Feb. 15, 1979 | -- | 7.50 | 430 | 25.0 | Gravel. | Site at discontinued gaging station 08105200. |
| | | | | Apr. 24, 1978 | 3.30 | -- | 580 | 24.5 | | |
| | | | | Aug. 15, 1978 | 56.36 | -- | 380 | 51.0 | | |
| | | | | Feb. 15, 1979 | 56.2 | -- | 510 | 17.2 | | |
| | | | | Aug. 15, 1979 | 25.3 | -- | 540 | 23.0 | | |

^{1/} River miles at mouth.
^{2/} Estimated.

Table 12.-Hydrologic Data and Site Descriptions for Low-Flow Investigations in North Fork San Gabriel River

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|---|--|-------------------------|--|--------------------------------|--|--|------------------------------|----------------------------|---------|
| | | | | | Main stream | Tributary | | | | |
| 1 | North Fork San Gabriel River | Lat 30°44'05", Long 97°54'54", 50 ft downstream from county road crossing. | 82.5 | Apr. 26, 1978 Apr. 26, 1978 Feb. 13, 1979 Aug. 13, 1979 | 0.22 0 93.2 11.1 | -- -- -- -- | 430 510 440 | 17.0 14.0 25.0 | Solid rock. | -- |
| 2 | do | Lat 30°42'11", Long 97°57'38", 1,000 ft below crossing at U.S. Highway 183. | 78.5 | Apr. 26, 1978 Apr. 16, 1978 Feb. 13, 1979 Aug. 13, 1979 | .95 0 93.6 12.9 | -- -- -- -- | 430 510 640 | 19.5 13.5 26.0 | do | -- |
| 3 | do | Lat 30°41'57", Long 97°51'33", 800 ft above Anderson Branch. | 77.5 | Apr. 26, 1978 Apr. 16, 1978 Feb. 13, 1979 Aug. 13, 1979 | 1.18 0 98.0 14.2 | -- -- -- -- | 410 500 440 | 21.0 15.2 27.0 | Rock. | -- |
| 4 | do | Lat 30°41'52", Long 97°50'44". | 76.6 | Apr. 26, 1978 Apr. 16, 1978 Feb. 13, 1979 Aug. 13, 1979 | .96 0 105 10.6 | -- -- -- -- | 420 490 440 | 26.0 17.0 27.0 | do | -- |
| 5 | Sowes Branch | Lat 30°41'25", Long 97°50'03", 30 ft upstream from mouth. | 75.8 | Apr. 26, 1978 Apr. 16, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | 0.02 2/ 0 2.15 -.01 2/ | 550 530 480 | 23.5 17.0 27.5 | do | -- |
| 6 | Unnamed Tributary to North Fork San Gabriel River | Lat 30°41'53", Long 97°49'29", 200 ft above mouth, 0.8 mi downstream from Sowes Creek, and 200 feet above mouth. | 75.0 | Apr. 26, 1978 Apr. 16, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | .40 -.01 5.39 .04 2/ | 500 564 550 561 | 23.5 24.5 19.5 27.5 | do | -- |
| 7 | North Fork San Gabriel River | Lat 30°41'26", Long 97°48'45", 900 feet above Hunt's Crossing. | 74.1 | Apr. 26, 1978 Apr. 16, 1978 Feb. 13, 1979 Aug. 13, 1979 | 1.72 1.04 119 16.5 | -- -- -- -- | 450 505 399 | 27.0 17.5 30.0 | Solid rock. | -- |
| 8 | Sycamore Hollow Tributary to North Fork San Gabriel River | Lat 30°40'52", Long 97°47'16", near mouth. | 72.2 | Apr. 26, 1978 Apr. 16, 1978 Feb. 14, 1979 Aug. 14, 1979 | -- -- -- -- | 0 0.04 2/ .07 2/ | 402 735 521 | -- 16.7 24.0 | do | -- |
| 9 | Hoggs Hollow Tributary to North Fork San Gabriel River | Lat 30°40'19", Long 97°46'11", 1,200 ft upstream from mouth. | 70.8 | Apr. 26, 1978 Apr. 16, 1978 Feb. 14, 1979 Aug. 14, 1979 | -- -- -- -- | .05 2/ 0 -.54 2/ .01 2/ | 490 510 430 | 21.5 14.5 24.0 | do | -- |
| 10 | North Fork San Gabriel River | Lat 30°40'46", Long 97°44'45", 5 mi northwest of Georgetown and 50 ft above crossing. | 69.5 | Apr. 26, 1978 Apr. 16, 1978 Feb. 14, 1979 Aug. 14, 1979 | 3.58 34 120 18.0 | -- -- -- -- | 560 498 515 440 | 19.5 27.0 15.5 27.0 | Gravel. | -- |
| 11 | do | Lat 30°39'42", Long 97°42'40", 1,500 ft above gage. | 66.9 | Apr. 26, 1978 Apr. 16, 1978 Feb. 14, 1979 Aug. 14, 1979 | 4.18 4.22 138 21.0 | -- -- -- -- | 480 520 435 | 22.0 28.5 16.5 29.0 | do | -- |
| 12 | Unnamed Spring Tributary to North Fork San Gabriel River | Lat 30°39'39", Long 97°42'35", 300 ft below North Fork San Gabriel gage 08104700. | 66.1 | Apr. 26, 1978 Apr. 16, 1978 Feb. 14, 1979 Aug. 14, 1979 | -- -- -- -- | .20 2/ .17 2/ 1.20 .04 2/ | 630 620 610 610 | 20.5 22.0 21.5 | do | -- |
| 13 | Unnamed Tributary to North Fork San Gabriel River | Lat 30°39'46", Long 97°42'11", 0.9 mi upstream from Middle Fork San Gabriel River and at mouth. | 66.2 | Apr. 27, 1978 Apr. 16, 1978 Feb. 14, 1979 Aug. 13, 1979 | -- -- -- -- | .002 2/ 0 .44 2/ 0 | 590 600 | 21.0 -- -- -- | do | -- |
| 14 | do | Lat 30°39'37", Long 97°39'59", 0.3 mi upstream from mouth of Middle Fork San Gabriel River and 700 ft upstream from mouth. | 65.6 | Apr. 27, 1978 Apr. 16, 1978 Feb. 14, 1979 Aug. 14, 1979 | -- -- -- -- | .02 2/ -.01 2/ -.30 2/ .03 2/ | 440 410 575 550 | 21.5 27.0 -- 29.0 | do | -- |
| 15 | North Fork San Gabriel River | Lat 30°39'11", Long 97°41'45", 200 ft below County Club Road at Georgetown. | 65.5 | Apr. 27, 1978 Apr. 16, 1978 Feb. 14, 1979 Aug. 15, 1979 | 4.56 4.26 137 20.7 | -- -- -- -- | 460 456 512 400 | 23.0 33.0 18.3 28.5 | Solid rock. | -- |

See footnote at end of table.

Table 12.-Hydrologic Data and Site Descriptions for Low-Flow Investigations in North Fork San Gabriel River--Continued

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|---------------------------------|---|-------------------------|---------------|--------------------------------|-----------|--|------------------------|----------------------------|---------|
| | | | | | Main stream | Tributary | | | | |
| 16 | Middle Fork San Gabriel River | Lat 30°39'01", long 97°41'41", 500 ft upstream from mouth. | 65.3 ^{1/2} | Apr. 27, 1978 | -- | 0.74 | 540 | 23.0 | Rock. | -- |
| | | | | Aug. 16, 1978 | -- | 7.01 | 490 | 32.0 | | |
| | | | | Feb. 14, 1979 | -- | 7.37 | 545 | 18.5 | | |
| 17 | San Gabriel River at Georgetown | Lat 30°39'13", long 97°39'13", 300 ft below discontinued gage at control notch. | 62.3 | Apr. 27, 1978 | 15.4 | -- | 550 | 23.5 | do | -- |
| | | | | Aug. 16, 1978 | 2.10 | -- | 404 | 35.0 | | |
| | | | | Feb. 15, 1979 | 2.15 | -- | 525 | 17.5 | | |
| 18 | San Gabriel River near Weir | Lat 30°38'43", long 97°35'06", gaging station 08105300. | 54.9 | Apr. 27, 1978 | 15.9 | -- | 490 | 23.4 | --- | -- |
| | | | | Aug. 16, 1978 | 2.80 | -- | -- | 33.0 | | |
| | | | | Feb. 15, 1979 | 32.3 | -- | 530 | 18.5 | | |
| | | | | Aug. 15, 1979 | 106 | -- | 470 | 26.5 | | |

^{1/2} River miles at mouth.

^{2/2} Estimated.

Table 13.-Hydrologic Data and Site Descriptions for Low-Flow Investigations in South Fork San Gabriel River

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|---|--|-------------------------|--|--------------------------------|------------------------------------|--|------------------------------|-----------------------------|--|
| | | | | | Main stream | Tributary | | | | |
| 1 | South Fork San Gabriel River | Lat 30°42'56", long 97°03'02", 5 ft below low-water crossing at Farm Road 1174 near Bertram. | 31.2 | Apr. 19, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | 0.02 0 2.88 .39 | -- -- -- -- | 618 -- 580 520 | 20.0 -- 13.0 25.5 | Large gravel and rock. | -- |
| 2 | Oatmeal Creek | Lat 30°42'09", long 97°02'11", 800 ft upstream from mouth. | 29.5 $\frac{1}{2}$ | Apr. 19, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | 0.24 0 8.14 1.18 | 470 -- 320 464 | 22.0 -- 13.0 26.0 | Solid rock. | -- |
| 3 | South Fork San Gabriel River | Lat 30°42'10", long 97°01'52", 300 ft below crossing. | 29.2 | Apr. 19, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | .50 0 12.4 1.80 | -- -- -- -- | 480 -- 560 470 | 21.0 -- 12.0 25.5 | Rock and gravel. | -- |
| 4 | Unnamed Tributary to South Fork San Gabriel River | Lat 30°42'09", long 97°01'51", observed at mouth. | -- | Apr. 19, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | 0 0 0 0 | -- -- -- -- | -- -- -- -- | -- | -- |
| 5 | Dog Branch | Lat 30°41'31", long 97°59'32", 1,200 ft upstream from mouth. | 26.3 $\frac{1}{2}$ | Apr. 19, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | .08 0 2.02 .02 | 560 -- 490 560 | 19.0 -- 15.0 25.0 | Gravel. | -- |
| 6 | Unnamed Tributary to South Fork San Gabriel River | Lat 30°41'38", long 97°59'27", 750 ft upstream from mouth. | 26.2 $\frac{1}{2}$ | Apr. 19, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | 0 0 .39 .04 $\frac{2}{2}$ | -- -- 520 602 | -- -- 16.0 26.0 | Gravel and mud. | -- |
| 7 | South Fork San Gabriel River | Lat 30°41'31", long 97°59'23", 150 ft below low-water crossing | 26.1 | Apr. 19, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | 0.69 0 16.0 2.29 | -- -- -- -- | 480 -- 540 436 | 18.0 -- 14.0 26.0 | Clay over conglomerate rock | -- |
| 8 | do | Lat 30°40'41", long 97°57'46", at the 808 Ranch, 150 ft below road crossing. | 23.9 | Apr. 19, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | .75 0.01 17.0 2.62 | -- -- -- -- | 460 360 530 410 | 24.0 26.5 14.0 28.5 | Gravel. | Small channel dam 200 ft above measuring site. |
| 9 | Unnamed Tributary to South Fork San Gabriel River | Lat 30°40'45", long 97°56'59", 40 ft below highway crossing, 0.6 mi. upstream from mouth. | 23.0 $\frac{1}{2}$ | Apr. 19, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | 0.02 0 .25 0 | 500 -- 530 -- | 20.0 -- 18.0 -- | Mud and gravel. | -- |
| 10 | Little Creek | Lat 30°30'39", long 97°56'26", 0.2 mi. upstream from mouth. | 21.8 $\frac{1}{2}$ | Apr. 19, 1978 Aug. 17, 1978 Feb. 14, 1979 Aug. 14, 1979 | -- -- -- -- | 1.06 0 8.39 1.66 | 480 -- 560 440 | 21.5 -- 15.0 25.5 | Gravel and rocks. | -- |
| 11 | South Fork San Gabriel River | Lat 30°39'34", long 97°56'14", 800 ft below bridge near Liberty Hill. | 21.7 | Apr. 19, 1978 Aug. 17, 1978 Feb. 14, 1979 Aug. 14, 1979 | 1.74 0 23.0 5.37 | -- -- -- -- | 450 -- 540 422 | 23.0 -- 14.0 26.5 | -- | Gravel deposit in channel. Banks are clay. |
| 12 | do | Lat 30°38'56", long 97°54'39", 800 ft below Martha Chapman Dam | 19.4 | Apr. 20, 1978 Aug. 17, 1978 Feb. 14, 1979 Aug. 14, 1979 | 1.99 0 34.0 4.83 | -- -- -- -- | 442 -- 540 404 | 21.0 -- 15.0 27.5 | Solid rock. | -- |
| 13 | Jinks Branch | Lat 30°37'43", long 97°54'14", 1.6 mi. upstream from mouth. | 16.5 $\frac{1}{2}$ | Apr. 20, 1978 Aug. 17, 1978 Feb. 14, 1979 Aug. 14, 1979 | -- -- -- -- | .02 0 .38 0 | 636 -- 650 -- | -- -- 15.0 -- | -- | Silty, black mud. Very marshy. |
| 14 | South Fork San Gabriel River | Lat 30°37'15", long 97°51'39", 600 ft below State Highway 183. | 14.5 | Apr. 20, 1978 Aug. 17, 1978 Feb. 14, 1979 Aug. 14, 1979 | 2.84 0.01 39.2 7.10 | -- -- -- -- | 422 450 544 424 | 19.0 26.0 17.0 28.5 | Solid rock. | -- |
| 15 | do | Lat 30°36'42", long 97°49'07", 600 ft below low-water crossing. | 11.7 | Apr. 20, 1978 Aug. 17, 1978 Feb. 14, 1979 Aug. 14, 1979 | 2.77 0 43.2 8.51 | -- -- -- -- | 382 -- 530 404 | 23.0 -- 18.0 29.0 | Solid rock. | -- |

See footnote at end of table.

Table 13.--Hydrologic Data and Site Descriptions for Low-Flow Investigations in South Fork San Gabriel River--Continued

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|---|---|-------------------------|---------------|--------------------------------|-----------|--|------------------------|--|--|
| | | | | | Main stream | Tributary | | | | |
| 16 | South Fork San Gabriel River | Lat 30°37'11", long 97°46'38", on Mr. Bud Lee's ranch. | 8.7 | Apr. 20, 1978 | 3.02 | -- | 384 | 27.5 | Cross section was solid rock. | Went through Mr. Bud Lee's on the left bank. |
| | | | | Aug. 17, 1978 | 0 | -- | -- | -- | | |
| | | | | Feb. 14, 1979 | 46.4 | -- | 516 | 21.0 | | |
| 17 | Unnamed Tributary to South Fork San Gabriel River | Lat 30°37'25", long 97°46'39", on Mr. Bud Lee's ranch, 250 ft upstream from the mouth. | 8.5 ^{1/2} | Aug. 14, 1979 | 8.84 | -- | 360 | 32.0 | Sand, rock conglomerate, and black clay. | -- |
| | | | | Apr. 20, 1978 | -- | 0.01 | 596 | 21.0 | | |
| | | | | Aug. 17, 1978 | -- | 0 | -- | -- | | |
| 18 | South Fork San Gabriel River | Lat 30°37'00", long 97°43'33", at gravel plant. | 4.8 | Feb. 14, 1979 | -- | .53 | 620 | 20.5 | -- | Gravel plant pumping approximately 2.9 cfs. No return except by seepage. |
| | | | | Aug. 14, 1979 | -- | .02 | 584 | 24.0 | | |
| | | | | Apr. 21, 1978 | -- | -- | -- | -- | | |
| 19 | do | Lat 30°37'13", long 97°42'40". | 3.8 | Aug. 17, 1978 | -- | -- | -- | -- | Gravel. | -- |
| | | | | Feb. 14, 1979 | -- | -- | -- | -- | | |
| | | | | Aug. 15, 1979 | -- | -- | -- | -- | | |
| 20 | do | Lat 30°37'32", long 97°41'27", 150 ft below gauge at Georgetown. | 2.3 | Apr. 20, 1978 | 1.78 | -- | 382 | 25.5 | Rock and gravel. | -- |
| | | | | Aug. 17, 1978 | .02 | -- | 360 | 34.0 | | |
| | | | | Feb. 15, 1979 | 55.0 | -- | 530 | 17.0 | | |
| 21 | do | Lat 30°38'01", long 97°41'09", at State Highway 29 crossing and 300 feet below the crossing (confluence with North Fork at river mile 63.5) | 1.5 | Aug. 15, 1979 | 11.7 | -- | 404 | 25.0 | -- | -- |
| | | | | Apr. 21, 1978 | 5.44 | -- | 404 | 17.5 | | |
| | | | | Aug. 17, 1978 | .02 | -- | 490 | 26.0 | | |
| 21 | do | Lat 30°38'01", long 97°41'09", at State Highway 29 crossing and 300 feet below the crossing (confluence with North Fork at river mile 63.5) | 1.5 | Feb. 15, 1979 | 55.1 | -- | 520 | 17.0 | Solid rock. | -- |
| | | | | Aug. 15, 1979 | 12.3 | -- | 600 | 27.0 | | |
| | | | | Apr. 21, 1978 | 6.54 | -- | 380 | 71.5 | | |
| 21 | do | Lat 30°38'01", long 97°41'09", at State Highway 29 crossing and 300 feet below the crossing (confluence with North Fork at river mile 63.5) | 1.5 | Aug. 17, 1978 | .01 | -- | 400 | 32.0 | -- | -- |
| | | | | Feb. 15, 1979 | 56.2 | -- | 520 | 19.0 | | |
| | | | | Aug. 15, 1979 | 11.9 | -- | 396 | 29.0 | | |

^{1/2} River miles at mouth.

^{2/2} Estimated.

Table 14.--Hydrologic Data and Site Descriptions for Low-Flow Investigations in Brushy Creek

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|-----------------------------------|--|-------------------------|--|--------------------------------|----------------------------|--|------------------------------|----------------------------|----------------|
| | | | | | Main stream | Tributary | | | | |
| 1 | North Fork Brushy Creek | Lat 30°35'13", long 97°52'42", 0.2 mi below SGS reservoir designated as Dam No. 1 at county road bridge and 1.5 mi northwest of Leander. | 71.6 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | 0.04 0 5.69 1.85 | -- -- -- -- | 460 -- 295 250 | 18.5 -- 11.5 26.6 | Caliche. | -- |
| 2 | South Fork Brushy Creek | Lat 30°34'20", long 97°52'12", country road crossing on County Road 278 and 1.9 mi upstream from mouth. | 69.1 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- 0.22 0 | 0 0 0 0 | -- -- 309 -- | -- -- 13.0 -- | -- | Metal culvert. |
| 3 | do | Lat 30°34'55", long 97°51'44", at U.S. Highway 183 and 0.7 mi upstream from mouth. | 69.1 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | -.21 0 1.12 -.32 | 600 -- 321 560 | 19.5 -- 14.0 24.5 | Solid rock. | -- |
| 4 | Brushy Creek | Lat 30°34'55", long 97°50'27", at Farm Road 2243 and 50 ft below bridge crossing near Leander. | 69 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | .63 0 10.8 3.07 | -- -- -- -- | 510 -- 402 300 | 19.4 -- 13.0 26.0 | do | -- |
| 5 | Mason Creek | Lat 30°34'52", long 97°50'19", 50 ft upstream from mouth. | 68.9 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | .04 .08 3.24 -.20 | 474 520 304 370 | 19.3 30.0 12.0 27.3 | do | -- |
| 6 | Unnamed Tributary to Brushy Creek | Lat 30°34'54", long 97°48'58", 100 ft upstream from mouth. | 67.5 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | 0 0 -.34 0 | -- -- 316 -- | 30.0 -- 12.5 -- | do | -- |
| 7 | do | Lat 30°35'06", long 97°48'41", 500 ft upstream from mouth. | 67.2 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | 0 0 -.47 0 | -- -- 325 -- | -- -- 14.0 -- | Caliche. | -- |
| 8 | Brushy Creek | Lat 30°34'21", long 97°47'24", at County Road 177 and 30 ft above low-water crossing. | 65.9 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | 1.01 0 21.7 3.66 | -- -- -- -- | 450 0 322 400 | 23.0 -- 14.5 25.8 | -- | -- |
| 9 | Unnamed Tributary to Brushy Creek | Lat 30°34'36", long 97°46'50", 0.7 mi upstream from mouth. | 65.2 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | 0 0 -.86 -.01 | -- -- 390 476 | -- -- 14.0 25.5 | Silt and mud. | -- |
| 10 | Block House Creek | Lat 30°34'42", long 97°47'01", 800 ft upstream from mouth. | 63.3 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | 0 0 10.8 0 | -- -- 440 -- | -- -- 15.0 -- | Gravel. | -- |
| 11 | Brushy Creek | Lat 30°32'22", long 97°46'44", 150 ft below low-water crossing. | 62.7 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | 1.21 0 36.7 3.92 | -- -- -- -- | 444 -- 444 -- | 24.9 -- 15.5 28.9 | Solid rock. | -- |
| 12 | Spanish Oak Creek | Lat 30°32'14", long 97°47'00", 0.40 mi upstream from mouth. | 62.5 | Apr. 17, 1978 Aug. 17, 1978 Feb. 13, 1979 Aug. 13, 1979 | -- -- -- -- | -.81 0 4.25 -.02 | 380 -- 438 358 | 25.0 -- 16.0 28.9 | Gravel. | -- |
| 13 | South Brushy Creek | Lat 30°31'02", long 97°44'51", 800 ft upstream from mouth. | 60.1 | Apr. 18, 1978 Aug. 17, 1978 Feb. 14, 1979 Aug. 13, 1979 | -- -- -- -- | 2.02 0 11.5 -.11 | 442 -- 480 354 | 20.0 -- 14.0 32.5 | Solid rock. | -- |
| 14 | Dry Fork Creek | Lat 30°31'41", long 97°43'18", 1,000 ft upstream from mouth. | 58.4 | Apr. 18, 1978 Aug. 18, 1978 Feb. 14, 1979 Aug. 13, 1979 | -- -- -- -- | .15 0 -.58 0 | 438 -- 500 -- | 23.0 -- 15.5 -- | Gravel and rocks. | -- |
| 15 | Brushy Creek | Lat 30°31'18", long 97°42'48", 300 ft below low-water crossing. | 57.9 | Apr. 18, 1978 Aug. 18, 1978 Feb. 14, 1979 Aug. 13, 1979 | 5.64 .02 54.3 4.84 | -- -- -- -- | 458 24.0 495 360 | 22.0 24.0 14.5 27.0 | do | -- |

See footnote at end of table.

Table 14.--Hydrologic Data and Site Descriptions for Low-Flow Investigations in Brushy Creek--Continued

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|-----------------|--|-------------------------|---------------|--------------------------------|---------------------|--|------------------------|----------------------------|---|
| | | | | | Main stream | Tributary | | | | |
| 16 | Brushy Creek | Lat 30°30'44", long 97°41'04", 3 ft below low-water crossing and 900 ft below U.S. Highway 35. | 55.8 | Apr. 18, 1978 | 6.36 | -- | 502 | 23.0 | Solid rock. | -- |
| | | | | Aug. 18, 1978 | 0 | -- | -- | -- | | |
| | | | | Feb. 14, 1979 | 72.9 | -- | 500 | 14.5 | | |
| 17 | Onion Branch | Lat 30°31'05", long 97°40'24", 100 ft upstream from mouth. | 55.0 ^{1/2} | Aug. 14, 1979 | 6.30 | -- | 450 | 26.1 | Gravel. | -- |
| | | | | Apr. 18, 1978 | -- | 0 | -- | -- | | |
| | | | | Aug. 18, 1978 | -- | 0 | -- | -- | | |
| 18 | Brushy Creek | Lat 30°30'54", long 97°40'04", 100 ft above Round Rock Sewer Plant. | 54.8 | Feb. 14, 1979 | -- | .77 | 585 | 15.5 | -- | Sewer plant releasing the average of 23.5 cfs of effluent. Water-quality samples taken above and below sewer plant. |
| | | | | Aug. 14, 1979 | -- | .22 ^{2/2} | 490 | 25.5 | | |
| | | | | Apr. 18, 1978 | 5.33 | -- | 496 | 24.0 | | |
| 19 | Lake Creek | Lat 30°30'39", long 97°39'36", at low-water crossing and 0.9 mi upstream from mouth. | 53.6 ^{1/2} | Aug. 18, 1978 | 0 | -- | 500 | 15.5 | Gravel and moss. | -- |
| | | | | Feb. 14, 1979 | 70.6 | -- | 438 | 27.0 | | |
| | | | | Apr. 18, 1978 | -- | .12 | 646 | 27.0 | | |
| 20 | Chandler Branch | Lat 30°31'46", long 97°37'13", 200 ft below railroad track and 0.3 mi upstream from mouth. | 51.0 ^{1/2} | Feb. 14, 1979 | -- | 5.13 | 690 | 18.0 | Concrete. | -- |
| | | | | Aug. 14, 1979 | -- | 0 | -- | -- | | |
| | | | | Apr. 18, 1978 | -- | 0.05 ^{2/2} | 540 | 26.0 | | |
| 21 | Brushy Creek | Lat 30°31'49", long 97°36'48", 150 ft below county road crossing and 4 mi east of Round Rock. | 50.8 | Feb. 14, 1979 | -- | 5.48 | 530 | 15.5 | -- | -- |
| | | | | Aug. 14, 1979 | -- | .31 ^{2/2} | 584 | 24.5 | | |
| | | | | Apr. 18, 1978 | 9.49 | -- | 740 | 23.0 | | |
| | | | | Aug. 18, 1978 | .15 | -- | 1,350 | 26.0 | | |
| | | | | Feb. 14, 1979 | 98.5 | -- | 545 | 17.5 | | |
| | | | | Aug. 14, 1979 | 9.61 | -- | 622 | 25.7 | | |

^{1/2} River miles at mouth.
^{2/2} Estimated.

Table 15.-Hydrologic Data and Site Descriptions for Low-Flow Investigations in Barton Creek

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /h) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|-----------------------------------|--|-------------------------|---------------|--------------------------------|-----------|--|------------------------|----------------------------|---|
| | | | | | Main stream | Tributary | | | | |
| 1 | Barton Creek | Lat 30°17'46", long 97°55'31", at State Highway 71, USGS gaging station 08155200. | 21.0 | May 29, 1980 | 61.0 | -- | 456 | 26.5 | Gravel. | Estimated from rating. |
| 2 | do | Lat 30°17'21", long 97°53'58", 400 ft south of private ranch road. | 17.9 | do. | 62.0 | -- | 453 | 26.0 | Gravel. | -- |
| 3 | do | Lat 30°18'12", long 97°52'04", 200 ft downstream from private ranch road, and 2.5 miles northwest of Loop 360 and FM Road 2244 intersection. | 14.3 | May 30, 1980 | 68.0 | 2 | -- | -- | -- | Flow estimated from May 30, 1980 measurement. |
| 4 | do | Lat 30°17'28", long 97°50'45", 300 ft upstream from Castle Ridge Road, 1.1 miles southwest of Loop 360 and FM Road 2244 intersection. | 10.9 | May 29, 1980 | 73.0 | 2 | 447 | 25.0 | Rock. | do |
| 5 | do | Lat 30°17'01", long 97°51'05", 4,500 ft upstream from Lost Creek Blvd. | 10.0 | do. | 72.9 | -- | 448 | 24.5 | -- | Weeds and grass. |
| 6 | Unnamed Tributary to Barton Creek | Lat 30°16'36", long 97°50'50", 600 ft upstream from mouth. | -- | do. | -- | 3.98 | 520 | 25.0 | -- | do |
| 7 | Barton Creek | Lat 30°16'27", long 97°50'38", at Lost Creek Blvd. | 9.1 | do. | 77.6 | -- | 454 | 24.5 | Rock and gravel. | -- |
| 8 | do | Lat 30°16'10", long 97°49'37", 1.3 miles downstream from Lost Creek Blvd, and 1.8 miles south of intersection of Loop 360 and FM Road 2244. | 7.8 | do. | 76.9 | -- | 447 | 25.5 | Rock and silt. | -- |
| 9 | do | Lat 30°16'00", long 97°49'23", 2 miles southeast of intersection of Loop 360 and FM Road 2244. | 7.3 | do. | 74.6 | -- | 431 | 26.2 | Gravel. | -- |
| 10 | do | Lat 30°15'32", long 97°49'21", 2.5 miles southeast of intersection of Loop 360 and FM Road 2244 and 0.5 mile southwest of intersection of Loop 360 and Stone Ridge Road. | 6.8 | do. | 73.4 | -- | 431 | 26.7 | do | -- |
| 11 | do | Lat 30°15'07", long 97°48'51", 0.8 mile southeast of intersection of Loop 360 and Stone Ridge Road. | 6.1 | do. | 66.3 | -- | 404 | 26.0 | do | -- |
| 12 | do | Lat 30°14'40", long 97°48'07", at Loop 360. USGS gaging station 08155300. | 4.6 | Feb. 9, 1981 | 52.0 | -- | 417 | 27.5 | do | -- |
| | | | | Apr. 28, 1981 | 17.0 | -- | -- | -- | -- | -- |
| | | | | | 5.62 | -- | -- | -- | -- | -- |
| 13 | do | Lat 30°14'40", long 97°47'17", 0.4 mile northwest of intersection of Barton Skyway and Lamar Blvd. | 3.5 | May 29, 1980 | 43.9 | -- | 440 | 27.0 | Rocks. | -- |
| | | | | Feb. 9, 1981 | 2.96 | -- | -- | -- | -- | -- |
| | | | | Apr. 28, 1981 | 1.55 | -- | -- | -- | -- | -- |
| 14 | do | Lat 30°15'07", long 97°47'45", 3,800 ft upstream from Barton Skyway. | 2.6 | May 29, 1980 | 41.8 | -- | 441 | 27.0 | do | -- |
| | | | | Feb. 9, 1981 | .22 | -- | -- | -- | -- | -- |
| | | | | Apr. 28, 1981 | .14 | -- | -- | -- | -- | -- |
| 15 | do | Lat 30°15'34", long 97°47'03", 1,400 ft downstream from Barton Skyway. | 1.7 | May 29, 1980 | 44.2 | -- | 450 | 26.0 | -- | -- |
| | | | | Feb. 9, 1981 | .0 | -- | -- | -- | -- | -- |
| | | | | Apr. 28, 1981 | .28 | -- | -- | -- | -- | -- |
| 16 | do | Lat 30°15'47", long 97°46'43", 2,200 ft upstream from Barton Springs Pool. | 1.1 | May 29, 1980 | 46.2 | -- | 450 | 27.0 | -- | Several small springs along channel between this site and Barton Springs. |
| | | | | Feb. 9, 1981 | -- | -- | -- | -- | -- | -- |
| | | | | Apr. 28, 1981 | .19 | -- | -- | -- | -- | -- |
| 17 | do | Lat 30°15'48", long 97°46'19", at Barton Springs. USGS gaging station 08155500. | .0 | May 29, 1980 | 76.0 | -- | 499 | 25.5 | -- | This is the flow from Barton Springs. |
| | | | | Feb. 9, 1981 | 52 | -- | -- | -- | -- | -- |
| | | | | Apr. 28, 1981 | 61 | -- | -- | -- | -- | -- |

1/ River miles at mouth.
2/ Estimated.

Table 16.--Hydrologic Data and Site Descriptions for Low-Flow Investigations in Williamson Creek

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|--|--|-------------------------|------------------------------|--------------------------------|-----------|--|------------------------|----------------------------|------------------------------|
| | | | | | Main stream | Tributary | | | | |
| 1 | Williamson Creek | Lat 30°14'12", long 97°52'26", 1,300 ft upstream from Old Oak Hill-Bee Caves Road. | 14.8 | May 20, 1980 | 6.79 | -- | 631 | 19.5 | Solid rock. | -- |
| 2 | Unnamed Tributary to Williamson Creek | Lat 30°14'13", long 97°51'40", 600 ft upstream from mouth. | 14.1 | do. | -- | 1.16 | 499 | 23.0 | Rock. | -- |
| 3 | Williamson Creek | Lat 30°14'06", long 97°51'36", 0.8 mile east of the intersection of U.S. Highway 290 and State Highway 71. USGS gaging station 08158920. | 14.0 | Mar. 5, 1981 | 11.3 19.0 | -- | 633 -- | 21.0 -- | Gravel. | -- |
| 4 | do | Lat 30°13'46", long 97°51'12", 3,000 ft downstream from gaging station 08158920. | 13.5 | May 21, 1980 | 7.23 | -- | 596 | 20.0 | Rock. | -- |
| 5 | do | Lat 30°13'30", long 97°50'36", 2,000 ft upstream from Indian Point Brush Drive. | 12.6 | May 20, 1980 | 5.96 | -- | 553 | 27.5 | Gravel. | -- |
| 6 | do | Lat 30°13'26", long 97°50'00", 3,400 ft upstream from Brodie Lane. | 11.8 | May 21, 1980 | 2.36 | -- | 532 | 21.0 | Sand and silt. | -- |
| 7 | do | Lat 30°13'22", long 97°49'27", 300 ft upstream from Brodie Lane. | 11.2 | do. | 1.87 | -- | 521 | 23.0 | Silt. | -- |
| 8 | Unnamed Tributary to Williamson Creek. | Lat 30°12'55", long 97°48'59", 1,300 ft upstream from mouth. | 10.2 | May 20, 1980 | -- | .0 | -- | -- | -- | -- |
| 9 | Williamson Creek | Lat 30°13'11", long 97°48'48", at Lone Oak Lane. | 10.3 | Mar. 5, 1981 | .83 10.8 | -- | 466 -- | 25.3 -- | Gravel. | -- |
| 10 | do | Lat 30°13'17", long 97°48'19", at Westgate Blvd. | 9.8 | May 20, 1980 Mar. 5, 1981 | .0 7.3 | -- | -- -- | -- -- | do | -- |
| 11 | do | Lat 30°13'23", long 97°47'53", at Jones Road. | 9.4 | May 20, 1980 Mar. 5, 1981 | -- 6.4 | -- | -- -- | -- -- | Mud and gravel. | -- |
| 12 | Unnamed Tributary to Williamson Creek | Lat 30°13'26", long 97°47'56", 500 ft upstream from mouth. | 9.3 | May 20, 1980 Mar. 5, 1981 | -- 0 | .03 | 730 -- | 21.6 -- | Gravel. | -- |
| 13 | Williamson Creek | Lat 30°13'16", long 97°47'36", at FM Road 2304. USGS gaging station 08158930. | 8.6 | May 20, 1980 Mar. 5, 1981 | .65 6.8 | -- | 517 | 23.3 | Gravel. | -- |
| 14 | do | Lat 30°12'59", long 97°47'19", 100 ft upstream from the Missouri Pacific Railroad. | 8.1 | May 20, 1980 | .52 | -- | 523 | 22.3 | do | -- |
| 15 | do | Lat 30°12'42", long 97°46'45", 200 ft upstream from South 1st Street. | 7.4 | do. | .37 | -- | 576 | 21.4 | do | -- |
| 16 | do | Lat 30°11'21", long 97°43'56", at Jimmy Clay Road. USGS gaging station 08158970. | 1.3 | do. | 3.1 | -- | -- | -- | -- | Estimated from rating curve. |

Table 17.--Hydrologic Data and Site Descriptions for Low-Flow Investigations in Slaughter Creek

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|--------------------------------------|---|-------------------------|------------------------------|--------------------------------|-----------|--|------------------------|----------------------------|---------|
| | | | | | Main stream | Tributary | | | | |
| 1 | Slaughter Creek | Lat 30°12'32", long 97°54'11", at FJ Road 1826, USGS gaging station 08158640. | 12.9 | May 22, 1980 Mar. 5, 1981 | 11.8 58 | -- | 682 -- | 20.5 -- | Solid rock. | -- |
| 2 | do | Lat 30°11'53", long 97°52'54", at private ranch road. | 11.4 | May 22, 1980 | 10.1 | -- | 650 | 21.0 | Gravel. | -- |
| 3 | do | Lat 30°11'34", long 97°51'56", 2,000 ft upstream from private ranch road. | 10.1 | do | 4.54 | -- | 630 | 21.5 | Gravel and rock. | -- |
| 4 | do | Lat 30°11'24", long 97°51'54", 1,000 ft upstream from private ranch road. | 9.9 | do | 2.36 | -- | 589 | -- | Rock. | -- |
| 5 | do | Lat 30°11'24", long 97°51'44", at private ranch road. | 9.7 | do | .0 | -- | -- | -- | -- | -- |
| 6 | do | Lat 30°10'33", long 97°51'30", 100 ft upstream from Wyldwood Road. | 8.5 | do | .0 | -- | -- | -- | -- | -- |
| 7 | do | Lat 30°10'08", long 97°51'33", at Brodie Lane. | 7.7 | do. Mar. 5, 1981 | .0 10.7 | -- | -- | -- | Gravel. | -- |
| 8 | do | Lat 30°10'03", long 97°50'51", 0.3 mile upstream from Elm Waterhole. | 6.8 | May 22, 1980 Mar. 5, 1981 | 0.0 6.8 | -- | -- | -- | do | -- |
| 9 | do | Lat 30°09'49", long 97°50'41", 100 ft upstream from Elm Waterhole. | 6.5 | Mar. 5, 1981 | 6.3 | -- | -- | -- | Large rocks and gravel. | -- |
| 10 | do | Lat 30°09'43", long 97°50'33", 200 ft downstream from Elm Waterhole. | 6.3 | do | 3.3 | -- | -- | -- | Gravel. | -- |
| 11 | Unnamed Tributary to Slaughter Creek | Lat 30°10'02", long 97°50'21", 2,400 ft upstream from mouth. | 5.4 | May 22, 1980 | -- | 0.07 | 363 | 25.0 | -- | -- |
| 12 | Slaughter Creek | Lat 30°09'43", long 97°49'55", at FJ Road 2504, USGS gaging station 08158660. | 5.5 | do. Mar. 5, 1981 | .09 3.3 | -- | 430 -- | 23.5 -- | Large rocks and gravel. | -- |
| 13 | do | Lat 30°08'55", long 97°49'13", 3,000 ft downstream from Chappell Lane. | 4.1 | May 22, 1980 | 1.42 | -- | 382 | 22.5 | -- | -- |

Table 18.-Hydrologic Data and Site Descriptions for Low-Flow Investigations in Bear Creek

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|---------------------------------|--|-------------------------|--------------|--------------------------------|-----------|--|------------------------|----------------------------|------------------------------|
| | | | | | Main stream | Tributary | | | | |
| 1 | Bear Creek | Lat 30°09'19", Long 97°56'23", 0.8 mile southeast of FM Road 1826, 5.9 miles northeast of Driftwood. USGS gaging station 08158810. | 11.0 | May 23, 1980 | 14.0 | -- | 547 | 21.5 | Gravel. | -- |
| 2 | Unnamed Tributary to Bear Creek | Lat 30°10'26", Long 97°55'50", measured at FM 1826, 2,000 ft. upstream from mouth. | 9.0 | do | -- | 6.74 | 603 | 19.5 | do | -- |
| 3 | Bear Creek | Lat 30°10'05", Long 97°55'26", 100 ft south of private ranch road, and 2700 ft southeast of FM Road 1826. | 9.2 | do | 38.4 | -- | 534 | 20.0 | do | -- |
| 4 | do | Lat 30°09'45", Long 97°54'33", 800 ft upstream from Spiller Ranch, 200 ft upstream from pooled water. | 7.6 | do | 50.5 | -- | 540 | 20.0 | do | -- |
| 5 | do | Lat 30°09'25", Long 97°53'26", 2,000 ft upstream from dam. | 6.0 | do | 39.8 | -- | 500 | 24.5 | Uneven rock. | -- |
| 6 | do | Lat 30°09'06", Long 97°52'43", 4,000 ft downstream from dam. | 4.9 | do | 36.2 | -- | 485 | 22.0 | Solid rock. | -- |
| 7 | do | Lat 30°08'48", Long 97°51'41", 900 ft south of Frate Barks Road and .8 mile northwest of Mar-bridge School. | 3.8 | do | 27.2 | -- | 507 | 24.5 | -- | -- |
| 8 | do | Lat 30°08'25", Long 97°50'50", at FM Road 1626. USGS gaging station 08158820. | 2.6 | do | 23.8 | -- | 498 | 23.0 | -- | -- |
| 9 | Little Bear Creek | Lat 30°07'31", Long 97°51'43", measured at FM Road 1626. USGS gaging station 08158825. | 1.2 | do | -- | .06 | 487 | 23.5 | -- | -- |
| 10 | Bear Creek | Lat 30°07'40", Long 97°50'08", 700 ft upstream from Missouri Pacific Railroad | 0.9 | do | 17.0 | -- | 504 | 22.5 | -- | Water quality samples taken. |

Table 19.--Hydrologic Data and Site Descriptions for Low-Flow Investigations in Onion Creek

| Site No. | Stream | Location | River miles above mouth | Date | Discharge (ft ³ /s) | | Specific conductance (micro-mhos at 25 °C) | Water temperature (°C) | Cross-section bed material | Remarks |
|----------|----------------------------------|--|-------------------------|--------------|--------------------------------|-------------------|--|------------------------|----------------------------|-----------------------------------|
| | | | | | Main stream | Tributary | | | | |
| 1 | Onion Creek | Lat 30°04'59", long 97°00'29" at FM Road 150, 3.2 miles south east of Driftwood. USGS gaging station 08158700. | 46.0 | May 28, 1980 | 92.7 | -- | 465 | 25.0 | -- | -- |
| 2 | do | Lat 30°05'15", long 97°59'06", at private ranch road. | 44.2 | do | 100.3 | -- | 461 | 25.8 | Solid rock. | -- |
| 3 | do | Lat 30°04'38", long 97°58'44", at private ranch road low-water crossing. | 42.7 | do | 94.5 | -- | 471 | 26.3 | Concrete. | -- |
| 4 | do | Lat 30°03'37", long 97°58'39", 200 ft downstream from mouth of Yorks Creek. | 41.3 | do | 92.5 | -- | 457 | 26.2 | Solid rock. | -- |
| 5 | do | Lat 30°03'07", long 97°57'35", at private ranch road low-water crossing. | 39.9 | do | 91.5 | -- | 515 | 25.5 | Rocks and grass. | -- |
| 6 | do | Lat 30°03'00", long 97°56'15", 1.1 mile southeast of Hoskins Ranch. | 38.5 | do | 57.0 | -- | 490 | -- | Rock. | -- |
| 7 | do | Lat 30°03'41", long 97°55'35", 1.1 mile southeast of Hoskins Ranch. | 37.4 | do | 35.7 | -- | 490 | 25.5 | Silt, rocks and gravel. | -- |
| 8 | do | Lat 30°04'12", long 97°53'10", 1,200 ft upstream from Barber Falls. | 34.0 | do | .0 | -- | -- | -- | -- | -- |
| 9 | do | Lat 30°04'25", long 97°52'08", 1,900 ft downstream from mouth of Mustang Branch. | 32.7 | do | .06 | -- | 368 | 27.0 | Rock. | -- |
| 10 | do | Lat 30°04'35", long 97°51'06", 3,500 ft upstream from Highway 967. | 31.5 | do | 1.03 | -- | 402 | 27.0 | Silt and gravel. | -- |
| 11 | do | Lat 30°05'09", long 97°50'52", at Highway 967. USGS gaging station 08158800. | 30.8 | do | 1.32 | -- | 378 | 31.5 | -- | -- |
| 12 | Unnamed Tributary to Onion Creek | Lat 30°05'17", long 97°50'36", 100 ft upstream from mouth. | 30.6 | do | -- | 1.5 ^{2/} | -- | -- | -- | Estimated flow from rating curve. |
| 13 | Bear Creek | Lat 30°08'25", long 97°50'50", at Highway 1626. USGS gaging station 08158820. | 25.3 | do | -- | 2.7 ^{2/} | -- | -- | -- | Estimated flow from rating curve. |
| 14 | Onion Creek | Lat 30°08'06", long 97°47'51", at U.S. Interstate Highway 35. | 23.7 | do | 9.02 | -- | 441 | 26.5 | Large gravel and rock. | -- |
| 15 | Slaughter Creek | Lat 30°08'54", long 97°46'58", 2,500 ft upstream from mouth. | 19.9 | do | -- | 1.01 | 546 | 25.0 | Large gravel. | -- |
| 16 | Boggy Creek | Lat 30°10'13", long 97°46'06", at Old Lockhart Road. | 17.8 | do | -- | 2.17 | 617 | 24.0 | Solid rock. | -- |
| 17 | Onion Creek | Lat 30°10'40", long 97°44'41", at Nuckles Crossing. | 15.9 | do | 18.1 | -- | 475 | 26.0 | Gravel. | -- |
| 18 | Williamson Creek | Lat 30°11'21", long 97°43'56", at Jimmy Clay Road. USGS gaging station 08158970. | 13.0 | do | -- | 2.02 | 679 | 24.0 | do | -- |
| 19 | Onion Creek | Lat 30°10'40", long 97°41'18", at U.S. Route 183. USGS gaging station 08159000. | 10.6 | do | 19.4 ^{2/} | -- | 510 | 27.5 | -- | Estimated flow from rating curve. |

^{1/} River miles at mouth.
^{2/} Estimated.

Table 20.--Water-Quality Data from Low-Flow Investigations in Salado and Berry Creeks, North and South Forks San Gabriel Rivers, and Brushy, Barton, Williamson, Bear, and Onion Creeks (Analyses are in milligrams per liter except as indicated)

| Site | Stream | Date | Dis-charge (cfs) | Specific conductance (micro-mhos/cm at 25°C) | pH | Temperature (°C) | Hardness (Ca, Mg) | Non-carbonate hardness | Dis-solved calcium (Ca) | Dis-solved magnesium (Mg) | Dis-solved sodium (Na) | Sodium ad-sorption ratio (SAR) | Dis-solved potassium (P) | Bicar-bonate (HCO ₃) | Car-bonate (CO ₃) | Dis-solved sulfate (SO ₄) | Dis-solved chloride (Cl) | Fluo-ride (F) | Dis-solved silica (SiO ₂) | Dis-solved solids (sum of constituents) | Total nitrogen (N) | |
|------|-------------------------------|---------------|------------------|--|-----|------------------|-------------------|------------------------|-------------------------|---------------------------|------------------------|--------------------------------|--------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------------|---------------|---------------------------------------|---|--------------------|--|
| 4 | South Salado | Feb. 16, 1979 | 7.1 | 493 | 8.3 | 8.0 | 210 | 34 | 78 | 4.7 | | | | | | | | | | | | |
| 4 | South Salado Creek | do. | 7.1 | 493 | 8.3 | 8.0 | 210 | 34 | 78 | 4.7 | 19 | 0.6 | 2.2 | 220 | 0 | 36 | 24 | 0.3 | 2.9 | 276 | -- | |
| | | Aug. 15, 1979 | .45 | 379 | 8.0 | 27.0 | 170 | 19 | 59 | 4.7 | 16 | .5 | .9 | 180 | 0 | 22 | 17 | .4 | 9.1 | 218 | -- | |
| 7 | Salado Creek | Apr. 24, 1978 | -- | 459 | 7.7 | 23.0 | 230 | 17 | 64 | 17 | 6.4 | .2 | .8 | 260 | 0 | 9.3 | 11 | .1 | 7.3 | 244 | -- | |
| | | Aug. 14, 1978 | .11 | 510 | 7.9 | 25.5 | 260 | 12 | 77 | 16 | 7.3 | .2 | .6 | 300 | 0 | 8.5 | 13 | .1 | 13 | 283 | -- | |
| | | Feb. 16, 1979 | 7.2 | 495 | 8.3 | 10.0 | 240 | 30 | 76 | 11 | 12 | .3 | 1.2 | 250 | 0 | 24 | 19 | .2 | 5.5 | 272 | -- | |
| | | Aug. 15, 1979 | 1.5 | 484 | 8.1 | 24.5 | 260 | 19 | 75 | 17 | 4.1 | .1 | 1.1 | 290 | 0 | 14 | 12 | .3 | 9.6 | 276 | -- | |
| 9 | do | Aug. 14, 1978 | .41 | 356 | 8.0 | 30.0 | 160 | .8 | 41 | 15 | 7.8 | .3 | .9 | 190 | 0 | 6.9 | 15 | .1 | 14 | 194 | -- | |
| | | do. | 9.3 | 523 | 7.8 | 25.5 | 240 | 20 | 72 | 15 | 9.9 | .3 | .9 | 270 | 0 | 13 | 15 | .3 | 11 | 270 | -- | |
| | | Feb. 16, 1979 | 72 | 523 | 8.2 | 12.5 | 260 | 40 | 80 | 15 | 9.5 | .3 | .9 | 270 | 0 | 22 | 22 | .2 | 6.8 | 290 | -- | |
| | | Aug. 15, 1979 | 53 | 510 | 8.1 | 25.0 | 250 | 33 | 77 | 15 | 9.8 | .3 | 1.1 | 270 | 0 | 18 | 15 | .3 | 11 | 280 | -- | |
| 1 | Berry Creek | Feb. 15, 1979 | .30 | 523 | 8.2 | 16.0 | 230 | 20 | 89 | 2.6 | 18 | .5 | 2.6 | 260 | 0 | 27 | 11 | .4 | 14 | 293 | -- | |
| | | Aug. 14, 1979 | .01 | 518 | 7.7 | 25.0 | 260 | 37 | 99 | 2.8 | 13 | .4 | .9 | 270 | 0 | 21 | 7.8 | .5 | 9.8 | 155 | -- | |
| 6 | do | Apr. 21, 1979 | -- | 443 | 7.8 | 20.5 | 190 | 29 | 72 | 3.1 | 14 | .4 | 1.3 | 200 | 0 | 41 | 19 | .4 | 8.8 | 258 | -- | |
| | | Feb. 15, 1979 | 25 | 497 | 8.3 | 17.5 | 240 | 31 | 90 | 2.8 | 12 | .3 | 1.5 | 250 | 0 | 30 | 16 | .4 | 7.9 | 284 | -- | |
| | | Aug. 14, 1979 | 2.6 | 410 | 8.1 | 29.0 | 170 | 4 | 63 | 2.5 | 12 | .4 | .9 | 200 | 0 | 18 | 15 | .4 | 7.8 | 218 | -- | |
| 17.5 | do | Apr. 24, 1978 | 3.3 | 501 | 7.9 | 24.5 | 250 | 16 | 72 | 16 | 9.2 | .3 | 1.0 | 280 | 0 | 14 | 11 | .2 | 8.6 | 270 | -- | |
| | | Aug. 15, 1978 | .36 | 380 | 8.2 | 31.0 | 170 | 8 | 44 | 15 | 9.3 | .3 | 1.1 | 200 | 0 | 10 | 16 | .3 | 11 | 205 | -- | |
| | | Feb. 15, 1979 | 54 | 503 | 8.3 | 19.0 | 260 | 44 | 89 | 8.6 | 10 | .3 | 1.4 | 260 | 0 | 29 | 21 | .3 | 7.7 | 295 | -- | |
| | | Aug. 14, 1979 | 25 | 540 | 8.2 | 23.0 | 250 | 24 | 80 | 13 | 9.0 | .2 | .9 | 280 | 0 | 16 | 13 | .3 | 10 | 280 | -- | |
| 5 | North Fork San Gabriel River | Aug. 16, 1978 | .04 | 402 | 7.5 | 27.0 | 180 | 36 | 44 | 16 | 15 | .5 | .2 | 170 | 0 | 36 | 26 | .3 | 21 | 242 | -- | |
| 10 | do | Apr. 27, 1978 | -- | 561 | 7.9 | 19.5 | 240 | 32 | 62 | 20 | 23 | .7 | 1.9 | 250 | 0 | 29 | 38 | .2 | 11 | 308 | -- | |
| | | Feb. 14, 1979 | 120 | 500 | 8.5 | 15.5 | 250 | 43 | 80 | 13 | 8.9 | .2 | 1.5 | 240 | 8 | 30 | 16 | .3 | 6.7 | 283 | -- | |
| | | Aug. 14, 1979 | 18 | 440 | 8.4 | 27.0 | 180 | 0 | 46 | 16 | 13 | .4 | 1.2 | 220 | 0 | 22 | 21 | .3 | 11 | 239 | -- | |
| 11 | do | Aug. 16, 1978 | .22 | 480 | 8.1 | 28.5 | 200 | 32 | 49 | 20 | 13 | .4 | 1.2 | 210 | 0 | 23 | 24 | .2 | 12 | 246 | -- | |
| 14 | do | Apr. 27, 1978 | -- | 461 | 8.2 | 23.0 | 200 | 36 | 47 | 20 | 18 | .6 | 1.3 | 200 | 0 | 22 | 29 | .2 | 3.9 | 240 | -- | |
| | | Aug. 16, 1978 | .26 | 456 | 8.1 | 33.0 | 190 | 34 | 43 | 20 | 16 | .5 | 1.5 | 190 | 0 | 29 | 27 | .2 | 20 | 250 | -- | |
| | | Feb. 14, 1979 | 137 | 504 | 8.5 | 18.5 | 250 | 38 | 78 | 13 | 8.9 | .2 | 1.5 | 240 | 8 | 32 | 19 | .3 | 7.1 | 286 | -- | |
| | | Aug. 14, 1979 | 20 | 400 | 8.2 | 28.5 | 190 | 22 | 48 | 18 | 13 | .4 | 1.4 | 210 | 0 | 19 | 17 | .3 | 11 | 231 | -- | |
| 3 | South Fork San Gabriel River | Apr. 17, 1978 | .21 | 616 | 8.0 | 19.5 | 290 | 29 | 110 | 4.1 | 13 | .3 | .8 | 320 | 0 | 36 | 19 | .2 | 6.7 | 348 | -- | |
| | | Feb. 13, 1979 | 12.0 | 543 | 8.4 | 12.0 | 260 | 50 | 85 | 12 | 12 | .3 | 1.1 | 250 | 4 | 31 | 26 | .3 | 6.9 | 302 | -- | |
| 14 | do | Feb. 14, 1979 | 39 | 526 | 8.5 | 17.0 | 250 | 36 | 81 | 11 | 11 | .3 | 1.1 | 250 | 4 | 30 | 21 | .3 | 7.2 | 290 | -- | |
| 20 | do | Aug. 17, 1979 | .02 | 490 | 7.7 | 26.0 | 210 | 58 | 61 | 15 | 17 | .5 | 1.7 | 190 | 0 | 48 | 36 | .2 | 19 | 292 | -- | |
| 21 | do | Apr. 21, 1978 | -- | 404 | 8.0 | 21.5 | 180 | 30 | 48 | 14 | 12 | .4 | 1.3 | 180 | 0 | 32 | 19 | .2 | 4.0 | 219 | -- | |
| | | Feb. 15, 1979 | -- | 501 | 8.3 | 19.0 | 230 | 37 | 74 | 12 | 9.7 | .3 | 1.2 | 240 | 0 | 30 | 21 | .2 | 6.8 | 273 | -- | |
| | | Aug. 15, 1979 | 11 | 396 | 8.3 | 29.0 | 190 | 30 | 53 | 13 | 11 | .4 | 1.1 | 190 | 0 | 18 | 13 | .3 | 12 | 215 | -- | |
| 16 | Middle Fork San Gabriel River | Feb. 14, 1979 | 7.4 | 535 | 8.3 | 18.5 | 260 | 23 | 78 | 16 | 14 | .4 | .8 | 290 | 0 | 20 | 21 | .1 | 5.5 | 298 | -- | |
| | | Aug. 14, 1979 | 2.9 | 460 | 8.2 | 28.5 | 210 | 17 | 56 | 18 | 14 | .4 | .7 | 240 | 0 | 16 | 25 | .2 | 13 | 261 | -- | |

Table 20.--Water-Quality Data from Low-Flow Investigations in Salado and Berry Creeks,
North and South Forks San Gabriel Rivers, and Brushy, Barton, Williamson, Bear, and Onion Creeks--Continued

| Site | Stream | Date | Dis-charge (cfs) | Specific conductance (micro-mhos/cm at 25°C) | pH | Temperature (°C) | Hardness (Ca, Mg) | Non-carbonate hardness | Dis-solved calcium (Ca) | Dis-solved magnesium (Mg) | Dis-solved sodium (Na) | Sodium ad-sorption ratio (SAR) | Dis-solved potassium (P) | Bicar-bonate (HCO ₃) | Car-bonate (CO ₃) | Dis-solved sulfate (SO ₄) | Dis-solved chloride (Cl) | Fluo-ride (F) | Dis-solved silica (SiO ₂) | Dis-solved solids (sum of constituents) | Total nitrogen (N) |
|------|---------------------------------|---------------|------------------|--|-----|------------------|-------------------|------------------------|-------------------------|---------------------------|------------------------|--------------------------------|--------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------------|---------------|---------------------------------------|---|--------------------|
| 17 | San Gabriel River at Georgetown | Apr. 27, 1978 | -- | 559 | 7.7 | 23.5 | 240 | 38 | 66 | 19 | 21 | 0.6 | 1.8 | 250 | 0 | 25 | 35 | .2 | 6.1 | 297 | -- |
| | | Aug. 16, 1978 | 2.1 | 604 | 8.6 | 35.0 | 230 | 16 | 64 | 16 | 41 | 1.2 | 2.9 | 240 | 8 | 25 | 58 | .2 | 15 | 348 | -- |
| | | Feb. 14, 1979 | 225 | 521 | 8.4 | 17.5 | 250 | 42 | 80 | 13 | 11 | .3 | 1.6 | 250 | 4 | 31 | 17 | .2 | 7.3 | 288 | -- |
| | | Aug. 14, 1979 | 61 | 500 | 8.0 | 26.0 | 230 | 28 | 65 | 16 | 13 | .4 | 1.2 | 250 | 0 | 20 | 22 | .3 | 11 | 272 | -- |
| 4 | Brushy Creek | Feb. 13, 1979 | 11 | 430 | 8.6 | 13.0 | 220 | 38 | 84 | 2.5 | 8.2 | .2 | 1.5 | 190 | 16 | 24 | 16 | .3 | 6.6 | 253 | -- |
| | | Aug. 13, 1979 | 3.1 | 400 | 7.9 | 26.0 | 180 | 12 | 70 | 2.4 | 8.6 | .3 | 1.0 | 210 | 0 | 18 | 9.9 | .3 | 8.9 | 223 | -- |
| 11 | do | Feb. 13, 1979 | 37 | 456 | 8.4 | 15.5 | 220 | 35 | 83 | 3.6 | 8.9 | .3 | 1.3 | 220 | 4 | 24 | 19 | .2 | 7.5 | 260 | -- |
| | | Aug. 13, 1979 | 3.9 | 380 | 8.2 | 29.0 | 170 | 2 | 61 | 3.3 | 8.8 | .3 | 1.1 | 200 | 0 | 17 | 12 | .3 | 8.4 | 211 | -- |
| 15 | do | Aug. 18, 1978 | .02 | 590 | 7.6 | 24.0 | 280 | 20 | 80 | 20 | 10 | .3 | .9 | 320 | 0 | 12 | 21 | .1 | 11 | 313 | -- |
| 18 | do | Apr. 18, 1978 | 5.3 | 496 | 7.9 | 24.0 | 230 | 40 | 65 | 16 | 14 | .4 | 1.3 | 230 | 0 | 29 | 27 | .2 | 7.5 | 273 | -- |
| | | Feb. 14, 1979 | 71 | 502 | 8.4 | 15.5 | 240 | 34 | 81 | 8.6 | 11 | .3 | 1.4 | 240 | 4 | 29 | 23 | .2 | 7.2 | 284 | -- |
| | | Aug. 14, 1979 | 7.5 | 438 | 8.1 | 27.5 | 200 | 17 | 61 | 11 | 11 | .3 | 1.1 | 220 | 0 | 18 | 17 | .3 | 11 | 239 | -- |
| 21 | do | Apr. 18, 1978 | 9.5 | 743 | 7.5 | 23.0 | 260 | 48 | 80 | 15 | 49 | 1.3 | 2.9 | 260 | 0 | 39 | 76 | .2 | 9.0 | 399 | -- |
| | | Aug. 18, 1978 | .15 | 1,340 | 7.8 | 26.0 | 340 | 49 | 110 | 17 | 140 | 3.3 | 5.3 | 360 | 0 | 33 | 240 | .3 | 6.7 | 730 | -- |
| | | Feb. 14, 1979 | 98 | 544 | 8.3 | 17.5 | 250 | 57 | 88 | 8.3 | 16 | .4 | 1.8 | 240 | 0 | 36 | 30 | .3 | 7.1 | 306 | -- |
| | | Aug. 14, 1979 | 9.6 | 622 | 8.1 | 25.5 | 250 | 24 | 80 | 11 | 34 | .9 | 2.3 | 270 | 0 | 30 | 46 | .3 | 11 | 348 | -- |
| 3 | South Fork Brushy Creek | Apr. 17, 1978 | .21 | 616 | 8.0 | 19.5 | 290 | 29 | 110 | 4.1 | 13 | .3 | .8 | 320 | 0 | 36 | 19 | .2 | 6.7 | 348 | -- |
| 13 | do | Feb. 14, 1979 | 12 | 504 | 8.5 | 14.0 | 240 | 33 | 76 | 13 | 10 | .3 | 1.3 | 240 | 8 | 29 | 23 | .2 | 6.2 | 285 | -- |
| | | Aug. 13, 1979 | 11 | 354 | 8.6 | 32.5 | 170 | 7 | 33 | 22 | 9.4 | .3 | .4 | 180 | 11 | 8.9 | 13 | .2 | 17 | 204 | -- |
| 1 | Barton Creek | May 29, 1980 | 61 | 456 | 7.7 | 26.5 | 220 | 15 | 60 | 17 | 6.3 | .2 | 1.0 | 250 | -- | 18 | 11 | .2 | -- | 245 | 0.33 |
| 7 | do | do. | 77.6 | 454 | 7.8 | 24.5 | 220 | 13 | 61 | 16 | 6.4 | .2 | 1.0 | 250 | -- | 19 | 11 | .2 | -- | 246 | .42 |
| 11 | do | do. | 66.3 | 404 | 7.9 | 26.0 | 200 | 31 | 54 | 16 | 6.2 | .2 | 1.1 | 210 | -- | 29 | 3.0 | .2 | -- | 220 | .33 |
| 16 | do | do. | 46.2 | 450 | 7.9 | 27.0 | 200 | 14 | 53 | 17 | 6.4 | .2 | 1.1 | 230 | -- | 18 | 11 | .2 | -- | 228 | .28 |
| 17 | do | do. | 76 | 499 | 7.6 | 25.5 | 220 | 12 | 59 | 17 | 7.4 | .2 | 1.2 | 250 | -- | 19 | 11 | .2 | -- | 247 | .63 |
| 1 | Williamson Creek | May 20, 1980 | 6.79 | 631 | 8.0 | 19.5 | 330 | 22 | 89 | 25 | 12 | .3 | 1.0 | 370 | -- | 30 | 18 | .2 | -- | 366 | .64 |
| 2 | do | do. | 1.16 | 499 | 8.2 | 23.0 | 260 | 16 | 72 | 20 | 5.4 | .1 | .5 | 300 | --- | 16 | 7.8 | .2 | -- | 276 | .67 |
| 5 | do | do. | 5.96 | 553 | 8.3 | 27.5 | 270 | 28 | 70 | 24 | 12 | .3 | 1.0 | 300 | -- | 33 | 17 | .2 | -- | 312 | .47 |
| 7 | do | May 21, 1980 | 1.87 | 521 | 8.2 | 23.0 | 250 | 32 | 59 | 24 | 11 | .3 | 1.1 | 260 | -- | 32 | 18 | .2 | -- | 279 | .70 |
| 9 | do | May 20, 1980 | .83 | 466 | 8.3 | 25.3 | 230 | 27 | 55 | 23 | 11 | .3 | 1.1 | 250 | -- | 31 | 17 | .2 | -- | 268 | .46 |
| 15 | do | do. | .37 | 576 | 7.7 | 21.4 | 280 | 33 | 92 | 12 | 12 | .3 | 3.1 | 300 | -- | 40 | 23 | .3 | -- | 339 | 1.3 |

Table 20.--Water-Quality Data from Low-Flow Investigations in Salado and Berry Creeks,
North and South Forks San Gabriel Rivers, and Brushy, Barton, Williamson, Bear, and Onion Creeks--Continued

| Site | Stream | Date | Dis-charge (cfs) | Specific conductance (micro-mhos/cm at 25°C) | pH | Temperature (°C) | Hardness (Ca, Mg) | Non-carbonate hardness | Dis-solved calcium (Ca) | Dis-solved magnesium (Mg) | Dis-solved sodium (Na) | Sodium ad-sorption ratio (SAR) | Dis-solved potassium (P) | Bicar-bonate (HCO ₃) | Car-bonate (CO ₃) | Dis-solved sulfate (SO ₄) | Dis-solved chloride (Cl) | Fluo-ride (F) | Dis-solved silica (SiO ₂) | Dis-solved solids (sum of constituents) | Total nitrogen (N) |
|------|-------------|--------------|------------------|--|-----|------------------|-------------------|------------------------|-------------------------|---------------------------|------------------------|--------------------------------|--------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------------|---------------|---------------------------------------|---|--------------------|
| 3 | Bear Creek | May 23, 1980 | 38 | 534 | 8.0 | 20.0 | 270 | 11 | 83 | 2 | 7.0 | 0.2 | 1.0 | 320 | -- | 20 | 12 | .2 | -- | 305 | 0.98 |
| 4 | do | do. | 50.5 | 540 | 8.1 | 20.0 | 290 | 30 | 89 | 17 | 6.9 | .2 | 1.0 | 320 | -- | 19 | 11 | .2 | -- | 311 | 1.0 |
| 6 | do | do. | 36.2 | 485 | 8.2 | 22.0 | 290 | 32 | 85 | 18 | 7.4 | .2 | 1.1 | 310 | -- | 19 | 11 | .2 | -- | 303 | .72 |
| 8 | do | do. | 23.8 | 498 | 8.2 | 23.0 | 260 | 27 | 78 | 17 | 7.0 | .2 | 1.3 | 290 | -- | 20 | 11 | .2 | -- | 287 | .86 |
| 10 | do | do. | 17.0 | 504 | 8.2 | 22.5 | 260 | 27 | 78 | 15 | 6.6 | .2 | 1.5 | 280 | -- | 21 | 10 | .2 | -- | 280 | .63 |
| 1 | Onion Creek | May 28, 1980 | 92.7 | 465 | 7.8 | 25.0 | 230 | 14 | 68 | 14 | 6.3 | .2 | 1.3 | 260 | -- | 20 | 10 | .2 | -- | 257 | .72 |
| 5 | do | do. | 91.5 | 515 | 8.0 | 25.5 | 220 | 9 | 66 | 14 | 6.1 | .2 | 1.2 | 260 | -- | 19 | 10 | .2 | -- | 254 | .69 |
| 7 | do | do. | 35.7 | 490 | 8.0 | 25.5 | 210 | 11 | 60 | 14 | 6.0 | .2 | 1.3 | 240 | -- | 19 | 10 | .2 | -- | 237 | .63 |
| 11 | do | do. | 1.32 | 378 | 7.7 | 31.5 | 170 | 21 | 51 | 10 | 6.3 | .2 | 2.2 | 180 | -- | 20 | 11 | .2 | -- | 196 | .51 |
| 19 | do | do. | 19.4 | 510 | 7.8 | 27.5 | 210 | 13 | 66 | 11 | 16 | .5 | 2.5 | 240 | -- | 32 | 17 | .2 | -- | 272 | .82 |

