

Table 5. Drilled Wells of the Cul-de-Sac Plain, Haiti

November 1948

49-114

05647

| Based principally on data furnished by the Haitian-American Sugar Company |                                |           |                        |                |                                                  |                            |               |                 |                          |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                |                                     |                        |                                                    |                                       |                      |      |               |                                                                                                                      |
|---------------------------------------------------------------------------|--------------------------------|-----------|------------------------|----------------|--------------------------------------------------|----------------------------|---------------|-----------------|--------------------------|-------------------------|------------|---------------|-----------------|------------------------------------------------------|-----------------------------------------|------------------------------------------|---------------------------------------------------------------|--------------------------------|-------------------------------------|------------------------|----------------------------------------------------|---------------------------------------|----------------------|------|---------------|----------------------------------------------------------------------------------------------------------------------|
| Number                                                                    | Owner's Name and Number        | Use<br>1/ | Year<br>Comple-<br>ted | Temp.<br>(°C.) | Eleva-<br>tion<br>(Mts.<br>Above<br>Sea<br>Level | Total<br>Depth<br>(Meters) | C A S I N G   |                 |                          | PUMPING<br>INSTALLATION |            | YIELD OF WELL |                 | WATER LEVEL (Mts. Above<br>(+) or below (-) Surface) |                                         | Speci-<br>fic<br>Draw-<br>down<br>(Mts.) | Aver.<br>Annual<br>Pumpage<br>1942-<br>1947<br>(Hec.<br>Mts.) | WATER - BEARING STRATA         |                                     |                        |                                                    | CHEMICAL QUALITY                      |                      |      | Remarks       |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | Diam.<br>(In) | Depth<br>(Mts.) | Perforations<br>(Meters) | Motor<br>and H.P.       | Pump<br>4/ | Pump<br>Flow  | Static<br>Level | Pumping<br>Level                                     | Principal<br>Aquifers<br>(Meters)<br>7/ |                                          |                                                               | Static<br>Head<br>(Mts.)<br>8/ | Lithologic Character                | Geologic<br>Horizon    | Total<br>Solids<br>(P.P.M.)                        | Chlo-<br>rides<br>as<br>NaCl<br>(PPM) | Date<br>of<br>Sample |      |               |                                                                                                                      |
| A                                                                         | B                              | C         | D                      | E              | F                                                | G                          | H             | I               | J                        | K                       | L          | M             | N               | O                                                    | P                                       | Q                                        | R                                                             | S                              | T                                   | U                      | V                                                  | W                                     | X                    | Y    | Z             | AA                                                                                                                   |
| 1                                                                         |                                |           |                        |                |                                                  |                            | 12            | 0-47.2          | 18.6-55.2;<br>9.4-15.5   |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 29.5-35.9<br>34.1-35.4<br>38.4-39.9 | .....<br>-0.6<br>..... | Sand & gravel in clay<br>Gravel<br>Sand and gravel | Recent<br>"<br>"                      | 224                  | 30   | Dec. 1, 1930  |                                                                                                                      |
| 1                                                                         | Hemelas No. 1                  | Ir        | 1924                   | 28             | 8.0                                              | 89.0                       |               |                 |                          | E 15                    | T          | 52.3          | 0.1             | 0                                                    | -13.1                                   | 13.1                                     | 3.2                                                           | 38.99                          |                                     |                        |                                                    |                                       |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 8             | 20.4-96.0       | 20.4-96.0                |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 91.4-93.0                           | -2.1                   | Sand with gravel                                   | Miocene                               |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 13            | 0-25.0          | 13.4-25.0                |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 27.4-30.5                           | -3.4                   | Sand with clay                                     | Recent                                | 279                  | 22   | Jan. 8, 1925  |                                                                                                                      |
| 2                                                                         | Durivier                       | Ir        | 1924                   | 27             | 11.2                                             | 96.0                       |               |                 |                          | E 15                    | T          | 35.3          | 0               | -1.1                                                 | -14.0                                   | 12.9                                     | 2.0                                                           | 36.14                          |                                     |                        |                                                    |                                       |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 13            | 0-49.4          | 11.3-49.4                |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 38.7-40.5                           | -3.4                   | Sand and gravel                                    | Recent                                |                      |      |               | Well drilled in center of abandoned Vandrevil battery No. 1                                                          |
|                                                                           |                                |           |                        |                |                                                  |                            | 13            | 49.4-53.4       | Uncased                  |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 45.1-46.3                           | .....                  | " " "                                              | "                                     |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 13            | 49.4-53.4       | Uncased                  |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 47.9-49.1                           | .....                  | " " "                                              | "                                     |                      |      |               |                                                                                                                      |
| 3                                                                         | Vandrevil No. 1                | Ir        | 1924                   | 27             | 6.1                                              | 52.4                       |               |                 |                          | E 15                    | T          | 35.3          | 0               | 0                                                    | -12.8                                   | 12.8                                     | 2.7                                                           | 18.38                          |                                     |                        |                                                    |                                       |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 1 1/2         | 0-16.5          | Wood crib                |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 30.8-34.1                           | .....                  | Sand and gravel                                    | Recent                                |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 30            | 16.5-20.1       | Blank                    |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                |                                     |                        |                                                    |                                       |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 8             | 20.1-88.4       | Uncased                  |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                |                                     |                        |                                                    |                                       |                      |      |               | Casing pulled. Abandoned be-<br>cause of small yield.                                                                |
| 4                                                                         | Peyrard No. 1                  | A         | 1924                   |                | 22.1                                             | 88.4                       |               |                 |                          |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                |                                     |                        |                                                    |                                       |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 12            | 0-43.3          | 6.7-43.3                 |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 10.4-11.3                           | -3.7                   | Sand and gravel w/silt                             | Recent                                | 790                  | 168  | Apr. 30, 1926 | Water high in chlorides and lime<br>causing formation of scale and<br>corrosion of pipes.                            |
|                                                                           |                                |           |                        |                |                                                  |                            | 8             | 44.2-56.4       | Uncased                  |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 18.9-19.5                           | -3.5                   | Gravel & sand w/clay                               | "                                     |                      |      |               |                                                                                                                      |
| 5                                                                         | Drouillard No. 1               | Um        | 1924                   |                | 15.2                                             | 56.4                       |               |                 |                          |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                |                                     |                        |                                                    |                                       |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 13            | 0-32.6          | 25.6-32.6                |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 91.4-94.5                           | -20.9                  | Sand with gravel                                   | Miocene                               | 630                  | 85   | Oct. 23, 1928 | On Oct. 23, 1928 yielded 12.6<br>lts./sec. with static level at<br>11.6 meters, and pumping level<br>at 21.9 meters. |
|                                                                           |                                |           |                        |                |                                                  |                            | 9             | 32.6-165.5      | 44.8-165.5               |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 100.6-106.7                         | .....                  | Gravel                                             | "                                     |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 9             | 165.5-171.3     | Uncased                  |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 117.3-119.5                         | -18.3                  | Fine and coarse sand                               | "                                     |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 9             | 165.5-171.3     | Uncased                  |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 123.7-128.0                         | -15.2                  | Sand & gravel with marl                            | "                                     |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 9             | 165.5-171.3     | Uncased                  |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 160.0-162.2                         | -11.3                  | Sand & gravel in clay                              | "                                     |                      |      |               |                                                                                                                      |
| 6                                                                         | Peyrard No. 2                  | A         | 1925                   |                | 24.3                                             | 171.3                      |               |                 |                          |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                |                                     |                        |                                                    |                                       |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 9             | 0-163.1         | 75.3-93.9                |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 33.8-34.4                           | -20.7                  | Sand and gravel                                    | Pleistocene                           |                      |      |               | Casing pulled. When tested<br>yielded only 0.1 lt./sec.                                                              |
|                                                                           |                                |           |                        |                |                                                  |                            | 9             | 163.1-187.5     | 100.0-163.1              |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 50.3-51.2                           | -29.0                  | " " "                                              | Miocene                               |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 9             | 163.1-187.5     | Uncased                  |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 147.8-149.4                         | -24.4                  | Limestone (?)                                      | "                                     |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            | 9             | 163.1-187.5     | Uncased                  |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 152.4-153.3                         | -23.8                  | Sandy limestone                                    | "                                     |                      |      |               |                                                                                                                      |
|                                                                           |                                |           |                        |                |                                                  |                            |               |                 |                          |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                | 7.6-9.1                             | -2.9                   | Sand in clay                                       | Recent                                |                      |      |               | Casing pulled. Abandoned because<br>water of poor quality.                                                           |
| 8                                                                         | Lower Moleard No. 1            | De        | 1925                   |                | 3.1                                              | 9.1                        | 13            |                 |                          |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                |                                     |                        |                                                    |                                       | 3258                 | 2810 | Jan. 7, 1925  |                                                                                                                      |
| 9                                                                         | Lower Moleard No. 2            | De        | 1925                   |                | 2.7                                              | 42.7                       | 13            |                 |                          |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                |                                     |                        |                                                    |                                       | 1085                 | 90   | Feb. 23, 1925 | Casing pulled. Abandoned because<br>water of poor quality. Water at<br>5.5 meters very salty.                        |
|                                                                           |                                |           |                        |                |                                                  |                            |               |                 |                          |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                |                                     |                        |                                                    |                                       | 630                  | 75   | "             |                                                                                                                      |
| 10                                                                        | Daniens (Service<br>Technique) | Ir        | 1925                   |                |                                                  |                            |               |                 |                          |                         |            |               |                 |                                                      |                                         |                                          |                                                               |                                |                                     |                        |                                                    |                                       |                      |      |               |                                                                                                                      |

See footnotes at end of Table

(200)  
G 8 4st

PLEASE REPLACE IN POCKET  
IN BACK OF BOUND VOLUME



49-114

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| A  | B                                                | C  | D    | E    | F    | G     | H                 | I                                                             | J                                                          | K    | L | M     | N | O    | P     | Q    | R   | S      | T                                                                        | U                                       | V                                                                                            | W                                               | X          | Y          | Z                              | AA                                                                                                                                                                       |
|----|--------------------------------------------------|----|------|------|------|-------|-------------------|---------------------------------------------------------------|------------------------------------------------------------|------|---|-------|---|------|-------|------|-----|--------|--------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------|------------|------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11 | Bernaden No. 1                                   | A  | 1925 |      | 4.8  | 178.3 | 9<br>9            | 0-98.5<br>98.5-178.3                                          | 38.7-98.5<br>Uncased                                       |      |   |       |   |      |       |      |     |        | 30.5-<br>48.8-49.7<br>79.9-80.8<br>88.4-94.5<br>150.9-153.3              | -5.8<br>-3.7<br>-0.9<br>0<br>+          | Gravel in clay<br>Sand and gravel<br>" " "<br>Lime-cemented gravel<br>Coraliferous sandstone | Recent<br>" ( ? )<br>Pleistocene (?)<br>Miocene | 320        | 30         | Sept. 15, 1925                 | When drilled yielded 1.6 lts./sec. artesian flow and with pump 12.5 lts./sec. with drum-down 14.3 meters.                                                                |
| 12 | Sibert "A" No. 1<br>(formerly Mercer No. 1)      | Ir | 1925 | 29   | 11.0 | 173.7 | 9<br>9            | 0-141.7<br>141.7-173.7                                        | (Alternate lengths)<br>9.4-105.8<br>Uncased                | E 15 | T | 35.3  | 0 | -2.4 | -9.4  | 7.0  | 5.0 | 55.37  | 12.2-15.2<br>44.2-<br>84.7-<br>137.5-139.0<br>139.0-139.6<br>139.6-141.1 | .....<br>-8.2<br>-7.9<br>-3.0<br>+<br>+ | Blue sand<br>Sand in clay<br>" " "<br>Shaly limestone<br>Gravel and sand<br>Hard sandstone   | Recent<br>" "<br>Miocene (?)<br>Miocene<br>"    | 285        | 25         | Oct. 7, 1925                   |                                                                                                                                                                          |
| 13 | Sibert "B" No. 1<br>(formerly Sibert No. 1)      | Ir | 1925 | 27   | 13.4 | 105.2 | 13<br>8           | 0-72.5<br>72.5-105.2                                          | 16.2-72.5<br>Uncased                                       | E 50 | T | 130.5 | 0 | -2.4 | -21.9 | 19.5 | 6.7 | 188.47 | 32.3-34.1<br>41.1-43.9<br>69.8-71.3<br>80.8-85.0                         | .....<br>.....<br>-7.3<br>-6.1          | Coarse sand & gravel<br>" " "<br>Sand and small gravel<br>Sand with marl                     | Recent<br>" "<br>Pleistocene (?)<br>Miocene     | 386<br>582 | 20<br>60   | Nov. 11, 1925<br>Nov. 15, 1930 | In April 1928 yielded 100 lts./sec. with static level at 5.5 mts. and pumping level at 13.1 mts. Have had trouble with pumping sand and settling of ground at this well. |
| 14 | Bernaden No. 2                                   | A  | 1926 |      | 4.8  | 154.2 | 9<br>9            | 0-152.7<br>152.7-154.2                                        | 36.3-152.7<br>Uncased                                      |      |   |       |   |      |       |      |     |        | 29.0-32.3<br>81.4-<br>95.7-96.9<br>127.4-                                | -8.8<br>-1.7<br>-1.2<br>-1.1            | Fine gray sand<br>Gravel in yellow clay<br>" " "<br>" " "                                    | Recent<br>Miocene<br>"                          | 212        | 26         | Dec. 31, 1926                  | On Dec. 20, 1926 yielded 8.1 lts./sec. with static level at 0.5 mts. and pumping level at 22.0 mts. On Jan. 6, 1930 well was flowing slightly.                           |
| 16 | McLeod No. 3<br>(formerly Jenson No. 1)          | Ir | 1926 | 29   | 4.0  | 136.9 | 9<br>6<br>9       | 0-98.8<br>60.0-114.9<br>114.9-136.9                           | 30-98.8<br>( ? )<br>Uncased                                | E 15 | T | 35.3  | 0 | -0.6 | -15.5 | 14.9 | 2.4 | 14.66  | 38.1-<br>54.9-<br>80.2-<br>106.7-<br>111.2-<br>120.4-                    | -3.4<br>-1.5<br>-0.6<br>0<br>+<br>+     | Sand (?) in clay<br>" " "<br>" " "<br>Gravel in clay<br>Limestone (?)<br>"                   | Recent<br>" "<br>Miocene (?)<br>Miocene<br>"    | 770        | 35         | Oct. 4, 1927                   | On Oct. 5, 1927 yielded 1.6 lts./sec. artesian flow and with pump 29.1 lts./sec. with pumping level at 18.3 meters.                                                      |
| 17 | Sibert "B" No. 3<br>(formerly San Ropes #1)      | Ir | 1926 | 27.5 | 13.7 | 149.4 | 13<br>13          | 0-103.3<br>103.3-149.3                                        | 12.8-103.3<br>Uncased                                      | E 25 | T | 58.6  | 0 | -1.5 | -18.5 | 15.0 | 3.9 | 70.18  | 35.7-39.6<br>44.2-<br>95.7-100.0<br>118.9-<br>134.1-                     | -7.9<br>-7.6<br>-6.7<br>-5.2<br>-4.9    | Gravel with clay<br>Gravel (?) in clay<br>Sand and gravel<br>Sand (?) in clay<br>" " "       | Recent<br>" "<br>Miocene<br>"                   | 244<br>590 | 62<br>123  | Feb. 2, 1927<br>Nov. 15, 1930  | On March 3, 1927 yielded 15.0 lts./sec. with static level at 4.9 meters and pumping level at 13.8 meters.                                                                |
| 18 | Old Sibert "A" No. 3 also<br>called Mercer No. 2 | A  | 1926 |      | 9.8  | 144.8 | 13<br>9<br>9<br>9 | 0-58.8<br>39.0-58.8<br>58.8-68.0<br>68.0-114.6<br>114.6-144.8 | 15.5-58.8<br>Blank<br>Uncased (?)<br>68.0-114.6<br>Uncased |      |   |       |   |      |       |      |     |        | 27.1-28.0<br>32.6-33.2<br>71.6-72.5<br>117.3-                            | -9.1<br>-7.8<br>-7.5<br>-7.5            | Sand with clay<br>Coarse sand & gravel<br>Gravel<br>Sand (?) in clay                         | Recent<br>" "<br>Miocene<br>"                   | 576        | 230        | Mar. 11, 1926                  | On March 11, 1926 yielded 31.6 lts./sec. with static level at 7.3 meters and pumping level at 18.3 meters. On February 20, 1930 static level at 5.6 meters.              |
| 19 | Moulas No. 2                                     | A  | 1926 |      | 5.3  | 119.5 | 13<br>13          | 0-100.3<br>100.3-119.5                                        | 10.4-100.3<br>Uncased                                      |      |   |       |   |      |       |      |     |        | 25.9-31.4<br>54.9-63.1                                                   | +<br>+                                  | Fine gray sand<br>" " "                                                                      | Recent<br>Miocene (?)                           | 500        | 45         | Jan. 20, 1926                  | Abandoned because of insufficient capacity. Yield 7.9 lts./sec. with 21.3 mts. lift. Water contains considerable sodium carbonate.                                       |
| 20 | Sibert "A" No. 2<br>(formerly Mercer No. 3)      | Ir | 1926 | 28   | 9.4  | 61.0  | 13<br>13          | 0-54.6<br>54.6-61.0                                           | 16.8-54.6<br>Uncased                                       | E 25 | T | 38.6  | 0 | -0.9 | -15.1 | 14.2 | 2.7 | 81.50  | 16.8-24.4<br>39.6-43.6<br>48.8-50.3                                      | .....<br>-6.0<br>-6.0                   | Fine gray sand w/clay<br>Sand and gravel<br>" " "                                            | Recent<br>" "<br>"                              | 872<br>576 | 205<br>175 | Apr. 17, 1926<br>Dec. 2, 1930  | On April 17, 1926 yielded 22.2 lts./sec. with static level at 6.7 meters and pumping level at 12.2 meters.                                                               |
| 21 | San Ropes No. 2                                  | Dr | 1926 |      |      | 120.7 | 13<br>13          | 0-33.5<br>33.5-120.7                                          | 11.3-33.5<br>Uncased                                       |      |   |       |   |      |       |      |     |        | 16.8-18.3<br>22.9-24.4<br>53.3-<br>92.0-                                 | -11.6<br>-10.7<br>-9.1<br>-7.9          | Fine sand with gravel<br>Sand & gravel with clay<br>Sand in clay<br>Sand in shale            | Recent<br>" "<br>Recent (?)<br>Miocene          | 300        | 60         | May 27, 1926                   | Casing pulled. Abandoned because of insufficient capacity. Yield 10.4 lts./sec. with static level at 8.5 meters and pumping level at 19.8 meters.                        |

PLEASE REPLACE IN POCKET  
IN BACK OF BOUND VOLUME(200)  
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**Table 5 (continued)**

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PLEASE REPLACE IN POCKET  
IN BACK OF BOUND VOLUME

2007-08



Table 5 (Continued)

49-114

| A  | B                            | C  | D    | E    | F    | G     | H       | I                    | J                       | K    | L | M    | N | O    | P     | Q    | R     | S     | T     | U                                                                   | V                                                                       | W                                                                                                                                                                          | X                                                                                               | Y                                                                 | Z                                                                                                                                                                                                                                                                 | AA                                                                                                                                                                            |                                                                                                                                  |
|----|------------------------------|----|------|------|------|-------|---------|----------------------|-------------------------|------|---|------|---|------|-------|------|-------|-------|-------|---------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 33 | Old Sibert "A" No. 7         | A  | 1928 | 31   | 8.2  | 152.4 | 13      |                      |                         |      |   |      |   |      |       |      |       |       |       | 38.1-42.7<br>96.0-97.5<br>138.8-143.0<br>144.0-147.3<br>148.4-152.4 | -6.5<br>-3.5<br>-4.3<br>+<br>+                                          | Good water;<br>Fine gray sand<br>Coarse gravel and sand<br>Gravel and sand; salt water with H <sub>2</sub> S<br>Gravel, sand, lignite;<br>salt water with H <sub>2</sub> S | Recent<br>Miocene<br>"                                                                          | 9002<br>7500<br>March 11, 1928<br>(water from 138.8 to 152.4 mts) | When well 103 mts. deep yielded 13.8 lts./sec. of good water with static level at 8.5 mts. and pumping level at 21.3 mts. Artesian flow of 12.6 lts./sec. of salty water charged with H <sub>2</sub> S under pressure from strata between 144.0 and 152.4 meters. |                                                                                                                                                                               |                                                                                                                                  |
| 34 | Maleard No. 2                | Ir |      | 28   | 4.3  |       | 13      |                      |                         | E 20 | T | 45.4 | 0 | -0.6 | -26.2 | 25.6 | 1.8   | 13.84 |       |                                                                     |                                                                         |                                                                                                                                                                            |                                                                                                 |                                                                   |                                                                                                                                                                                                                                                                   |                                                                                                                                                                               |                                                                                                                                  |
| 35 | La Mariniers No. 4           | Ir | 1924 | 27   |      | 126.0 | 8<br>8  | 0-57.4<br>57.9-126.0 | Blank<br>Uncased        |      |   |      |   | 8.1  | +0.6  |      |       |       |       | 98.1-104.2                                                          | +0.3                                                                    | Gravel and sand                                                                                                                                                            | Miocene                                                                                         | 340<br>180                                                        | 98<br>100                                                                                                                                                                                                                                                         | Jan. 8, 1925<br>Aug. 29, 1925                                                                                                                                                 | On August 29, 1925 yielded 25.3 lts./sec. with static level 0.3 mt. above land surface and pumping level 5.8 mts. below surface. |
| 36 | Dumourey                     | Ir | 1928 | 26   |      | 81.7  | 13<br>9 | 0-38.4<br>38.4-81.7  | 21.9-38.4<br>Uncased    |      |   | E 30 | T | 11.5 | 0     |      |       |       | 64.39 | 19.8-<br>24.4-27.7<br>77.7-78.0                                     | -19.8<br>-15.8<br>-14.9                                                 | Yellow sand<br>Sand and gravel<br>Sand                                                                                                                                     | Recent<br>"                                                                                     |                                                                   |                                                                                                                                                                                                                                                                   | On Dec. 22, 1928 yielded 23.1 lts./sec. with static level at 14.9 mts. and pumping level at 18.6 mts. After an earthquake on May 7, 1918 discharge decreased to 11.5 lts./mt. |                                                                                                                                  |
| 37 | Janson                       | Ir | 1942 | 27.5 | 6.2  | 47.5  | 13      | 0-47.5               | 3.4-47.5                |      |   | E 15 | T | 40.2 | 0     | -2.0 | -15.7 | 13.7  | 2.9   | 46.10                                                               | 6.9-8.2<br>8.5-15.8<br>27.4-29.0<br>36.9-38.4<br>42.4-44.2<br>46.9-47.5 | -4.9<br>-4.6<br>-0.9<br>-2.7<br>+<br>-3.5                                                                                                                                  | Gravel<br>Gravel and sand<br>Yellow sand<br>Gray sand<br>Gray sand & fine gravel<br>Fine gravel | Recent<br>"                                                       |                                                                                                                                                                                                                                                                   |                                                                                                                                                                               |                                                                                                                                  |
| 38 | Lerebours No. 1              | Ir | 1942 | 28   | 8.8  | 49.7  | 13      | 0-49.7               | 3.7-46.6                |      |   | E 20 | T | 41.9 | 0     | -1.2 | -17.7 | 16.5  | 2.5   | 6.77                                                                | 11.6-<br>27.4-<br>39.8-41.8<br>46.3-                                    | .....<br>-1.8<br>-0.9<br>-0.3                                                                                                                                              | Sand in clay<br>" " "<br>Gravel and sand<br>Sand and clay                                       | Recent<br>"                                                       |                                                                                                                                                                                                                                                                   |                                                                                                                                                                               |                                                                                                                                  |
| 39 | Vandrouil<br>(Grande Plaine) | Un | 1948 | 27   |      | 101.5 | 13      | 0-101.5              | 10.0-12.8;<br>24.1-99.7 |      |   |      |   | 37.2 | 12.6  | +    |       |       |       | 32.0-<br>62.5-<br>71.0-75.6<br>92.7-98.8                            | -4.1<br>-2.7<br>-0.9<br>+                                               | Sand in clay<br>" " "<br>Yellow sand & gravel<br>Sand and gravel                                                                                                           | Recent<br>Miocene<br>"                                                                          |                                                                   |                                                                                                                                                                                                                                                                   | On June 12, 1948 yielded 37.2 lts./sec. with static level above land surface and pumping level at 10.1 mts. below surface.                                                    |                                                                                                                                  |
| 40 | Lerebours No. 2              | Un | 1948 |      | 7.6  | 77.7  | 13<br>9 | 0-65.5<br>60.7-77.7  | 3.4-65.5<br>60.7-77.7   |      |   |      |   |      |       |      |       |       |       | 44.5-46.6<br>60.7-61.3<br>71.3-73.2                                 | -1.1<br>-1.2<br>-1.1                                                    | Gravel and sand<br>Sand and some gravel<br>Yellow sand                                                                                                                     | Recent<br>Miocene<br>"                                                                          |                                                                   |                                                                                                                                                                                                                                                                   | On Aug. 27, 1948 yielded 33.7 lts./sec. with static level at 2.4 mts. and pumping level at 18.0 meters.                                                                       |                                                                                                                                  |
| 41 | Pascher No. 2                | Un | 1947 |      | 21.9 | 96.0  | 13      | 0-96.0               | 6.1-92.7                |      |   |      |   | 0    | -1.5  |      |       |       |       | 8.8-9.8<br>74.4-84.1<br>89.0-90.8                                   | -2.3<br>-1.1<br>-0.6                                                    | Coarse sand & fine gravel<br>Fine sand<br>Sand and gravel                                                                                                                  | Recent<br>Miocene<br>"                                                                          |                                                                   |                                                                                                                                                                                                                                                                   | On September 2, 1947 yielded 28.7 lts./sec. with static level at 0.6 mt. and pumping level at 10.1 meters.                                                                    |                                                                                                                                  |
| 42 | Baudry No. 1                 | De | 1936 |      | 48.8 | 61.9  | 13      |                      |                         |      |   |      |   | -1.5 |       |      |       |       |       |                                                                     |                                                                         |                                                                                                                                                                            |                                                                                                 |                                                                   |                                                                                                                                                                                                                                                                   | Casing pulled. Very small yield.                                                                                                                                              |                                                                                                                                  |

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(200)  
Gr 8

PLEASE REPLACE IN POCKET  
IN BACK OF BOUND VOLUME

Table 5 (Continued)

49-114

| A  | B                                | C  | D    | E    | F    | G     | H           | I                              | J                                | K | L    | M | N    | O    | P    | Q     | R    | S    | T                                                           | U                                                                         | V                                                                                 | W                                                                                                                | X                                             | Y | Z                                                                             | AA                                                                                                                     |                                                                               |
|----|----------------------------------|----|------|------|------|-------|-------------|--------------------------------|----------------------------------|---|------|---|------|------|------|-------|------|------|-------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 43 | Bandy No. 2                      | De |      |      | 48.8 | 168.9 | 13          |                                |                                  |   |      |   |      | -1.5 |      |       |      |      | 11.0-15.2<br>103.9-107.9<br>108.8-114.6<br>122.8-124.7      | -0.6<br>....<br>....<br>-0.9                                              | Sand and fine gravel<br>" " " "<br>Sand and some gravel<br>Sand & coarse gravel   | Recent<br>Miocene<br>"<br>"                                                                                      |                                               |   | Casing pulled                                                                 |                                                                                                                        |                                                                               |
| 44 | La Serre No. 2                   | Ir | 1945 | 27   |      | 71.3  | 13<br>13    | 0-69.5<br>69.5-71.3            | 6.1-66.4<br>Uncased              |   | D    | T | 94.4 | 0    | -7.6 | -18.0 | 10.4 | 9.1  | 98.58                                                       | 7.9-29.0<br>31.1-34.7<br>44.2-45.4<br>48.8-50.9<br>57.3-58.5<br>59.4-67.7 | -7.6<br>-7.6<br>-7.6<br>-7.6<br>-7.6<br>-7.6                                      | Sand and gravel<br>Yellow sand & gravel<br>Sand & 3/4" gravel<br>Fine gravel & sand<br>Gravel and sand<br>Gravel | Recent<br>"<br>Recent (?)<br>Miocene (?)<br>" |   |                                                                               | On April 14, 1946 yielded 30.7<br>lts./sec. with static level at<br>7.6 meters and pumping level at<br>11.0 meters.    |                                                                               |
| 45 | La Serre No. 3                   | Ir | 1948 | 26   |      | 102.1 | 13<br>13    | 100.9-102.1<br>0-100.9         | Uncased<br>3.0-6.4;<br>28.0-97.8 |   |      |   | 53.5 | 23.1 | +    |       |      |      | 6.4-9.8<br>54.6-59.1<br>66.8-69.0<br>85.3-88.4<br>91.4-98.8 | -1.5<br>-1.4<br>-1.7<br>-0.9<br>+                                         | Sand & fine gravel<br>Sand and gravel<br>Fine gravel<br>Gravel<br>Gravel and sand | Recent<br>Miocene (?)<br>Miocene<br>"<br>"                                                                       |                                               |   |                                                                               |                                                                                                                        |                                                                               |
| 46 | Pascher No. 1                    | Ir | 1945 | 27.5 | 24.4 | 97.5  | 13<br>13    | 0-96.9<br>96.9-97.5            | 6.1-94.2<br>Uncased              |   | D    | T | 58.6 | 0    | -0.6 | -16.2 | 15.6 | 3.7  | 34.19                                                       | 5.8-9.8<br>19.5-40.4<br>46.6-47.5<br>83.5-<br>97.5                        | -0.3<br>-0.5<br>-0.6<br>+<br>-0.6                                                 | Sand and g ravel<br>" " " "<br>Sand<br>Sand w/clay & gravel<br>" " " "                                           | Recent<br>"<br>Miocene (?)<br>Miocene<br>"    |   |                                                                               | On September 12, 1945 yielded<br>32.8 lts./sec. with static level<br>at 0.6 meters and pumping level<br>at 9.1 meters. |                                                                               |
| 47 | Sibert "A" No. 3                 | Ir | 1946 | 28   | 9.8  | 97.5  | 13<br>13    | 0-95.4<br>95.4-97.5            | 3.0-92.4<br>Uncased              |   | E 40 | T | 74.5 | 0    | -0.9 | -14.6 | 13.7 | 5.4  | 104.38                                                      | 16.2-18.3<br>39.6-44.5<br>93.3-93.9                                       | -1.7<br>-1.4<br>-0.9(?)                                                           | Sand<br>Sand & fine gravel<br>" " " "                                                                            | Recent<br>"<br>Miocene                        |   |                                                                               | On Jan. 29, 1946 yielded 109.4<br>lts./sec. with static level at<br>2.1 mts. and pumping level at<br>16.5 meters.      |                                                                               |
| 48 | Sibert "B" No. 5                 | Ir | 1940 | 27.5 | 19.8 | 64.9  | 13<br>13    | 0-57.6<br>57.6-64.9            | 10.4-53.9<br>Uncased             |   | E 40 | T | 91.4 | 0    | -2.4 | -10.1 | 7.7  | 11.8 | 132.79                                                      | 28.3-29.9<br>45.7-48.8                                                    | -2.0<br>-2.0                                                                      | Yellow sand<br>Gravel and sand                                                                                   | Recent<br>Miocene (?)                         |   |                                                                               | On March 28, 1940 water level<br>2.0 meters below land surface.                                                        |                                                                               |
| 51 | Dessources<br>artesian well No.1 | Ir | 1919 | 27.5 | 25.5 | 152.4 | 6<br>6      | 0-48.8<br>48.8-152.4           | Blank<br>Uncased                 |   |      |   | 0.1  | +    |      |       |      |      |                                                             |                                                                           |                                                                                   |                                                                                                                  |                                               |   |                                                                               |                                                                                                                        | In April 1921 flow about 1.0<br>lts./sec. at 0.5 meter above<br>land surface. |
| 52 | Dessources<br>artesian well No.2 | Ir | 1919 | 27.5 | 24.3 | 156.1 | 8<br>8      | 0-71.9<br>71.9-156.1           | Blank<br>Uncased                 |   |      |   | 0.7  | +    |      |       |      |      | 9.1-11.6<br>25.3-26.2<br>51.2-53.3<br>74.7-86.9             | ....<br>....<br>+<br>+                                                    | Sand<br>Coarse gravel & sand<br>Sand<br>Limestone                                 | Recent<br>"<br>Miocene (?)<br>Miocene                                                                            |                                               |   | In April 1921 flow about 3.3<br>lts./sec. at 0.5 meter above land<br>surface. |                                                                                                                        |                                                                               |
| 53 | Dessources<br>artesian well No.3 | Ir | 1920 | 27.5 | 24.3 | 172.2 | 8<br>8      | 0-60.4<br>60.4-172.2           | Blank<br>Uncased                 |   |      |   | 1.0  | +    |      |       |      |      | 7.6-11.3<br>59.4-61.9<br>85.3-<br>132.9-134.1               | .....<br>+<br>+<br>+                                                      | Sand<br>Limestone<br>Sand in clay<br>Limestone (?)                                | Recent<br>Miocene<br>"<br>"                                                                                      |                                               |   | In April 1921 flow about 3.3<br>lts./sec. at 0.5 meter above<br>land surface. |                                                                                                                        |                                                                               |
| 54 | Dessources<br>artesian well No.4 | Ir | 1920 | 27.5 | 24.4 | 155.4 | 8<br>6<br>6 | 0-35.1<br>0-51.5<br>51.5-155.4 | Blank<br>"<br>Uncased            |   |      |   | 0.7  | +    |      |       |      |      | 9.1-10.1<br>57.9-61.0<br>138.7-139.3                        | .....<br>+<br>+                                                           | Sand with clay<br>Sand<br>"                                                       | Recent<br>Miocene<br>"                                                                                           |                                               |   |                                                                               |                                                                                                                        |                                                                               |

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PLEASE REPLACE IN POCKET  
IN BACK OF BOUND VOLUME

(200)  
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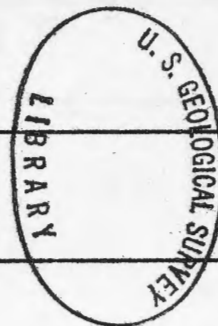
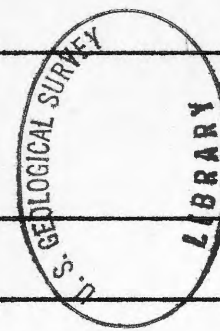


Table 5 (Continued)

49-114

| A  | B                                    | C  | D    | E    | F    | G     | H              | I                             | J                               | K    | L | M    | N   | O    | P    | Q   | R   | S                                                                               | T                                       | U                                                                                                          | V                                                | W                                    | X | Y                                                                                                                    | Z                                                                                                          | AA                                                                                                                       |
|----|--------------------------------------|----|------|------|------|-------|----------------|-------------------------------|---------------------------------|------|---|------|-----|------|------|-----|-----|---------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------|---|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 55 | Dessources<br>artesian well<br>No. 5 | Ir | 1920 | 27   | 24.0 | 106.7 | 8<br>8         | 0-56.4<br>56.4-106.7          | Blank<br>Uncased                |      |   |      | 1.0 | +    |      |     |     |                                                                                 | 9.1-11.0<br>42.4-48.5<br>52.7-<br>58.2- | .....<br>0<br>.....<br>+                                                                                   | Sand<br>Sand and gravel<br>Sand in clay<br>" " " | Recent<br>Recent (?)<br>Miocene<br>" |   |                                                                                                                      | In 1920 yielded 7.9 lts./ sec. with<br>static level above land surface and<br>pumping level at 6.7 meters. |                                                                                                                          |
| 56 | Dessources<br>artesian well<br>No. 6 | Ir | 1920 | 27   | 23.4 | 91.4  | 8<br>8         | 0-30.8<br>30.8-91.4           | Blank<br>Uncased                |      |   |      | 1.0 | +    |      |     |     |                                                                                 | 42.4-43.3<br>68.3-69.8                  | .....<br>+                                                                                                 | Sand<br>"                                        | Recent (?)<br>Miocene<br>"           |   |                                                                                                                      | Most productive water-bearing zone<br>between 68.3 and 69.8 meters.                                        |                                                                                                                          |
| 57 | Dessources<br>artesian well<br>No. 7 | Ir | 1920 | 27   | 23.7 | 91.4  | 8<br>8         | 0-30.8<br>30.8-91.4           | Blank<br>Uncased                |      |   |      | 1.3 | +    |      |     |     |                                                                                 | 6.1- 7.6<br>62.5-63.7<br>66.4-67.7      | -5.5<br>+<br>+                                                                                             | Sand with clay<br>Sand & gravel<br>Sand          | Recent<br>Miocene<br>"               |   |                                                                                                                      |                                                                                                            |                                                                                                                          |
| 59 | Dessources No.2                      | Ir |      | 27.5 | 25.8 |       |                |                               |                                 | D-15 | T | 48.9 | 0   | -1.2 |      |     |     | 46.94                                                                           |                                         |                                                                                                            |                                                  |                                      |   |                                                                                                                      |                                                                                                            | In April 1945 well yielded 53.5 lts./sec<br>by pump.                                                                     |
| 61 | La Moriniere<br>artesian well        | Ir | 1920 |      |      | 189.0 | 8<br>6         | 0-43.0<br>43.0-75.0           | Blank<br>"                      |      |   |      |     |      |      |     |     | 129.0-132.0                                                                     | +                                       | Sandstone                                                                                                  | Miocene                                          |                                      |   |                                                                                                                      | In October 1920 well yielded 31.6 lts./<br>sec. by artesian flow.                                          |                                                                                                                          |
| 62 | Chateaublond                         | Ir |      | 26   |      |       |                |                               |                                 | E 30 | T | 54.9 | 0   |      |      |     |     | 15.90                                                                           |                                         |                                                                                                            |                                                  |                                      |   |                                                                                                                      |                                                                                                            |                                                                                                                          |
| 63 | Santo "B"                            | Ir |      | 27   |      |       |                |                               |                                 | E 30 | T | 52.5 | 0   |      |      |     |     | 57.96                                                                           |                                         |                                                                                                            |                                                  |                                      |   |                                                                                                                      |                                                                                                            |                                                                                                                          |
| 64 | Drouillard No.2                      | Ir |      | 27   | 12.8 |       | 12             |                               |                                 | E 15 | T | 30.5 | 0   | -3.0 | -7.3 | 4.3 | 7.1 | 35.26                                                                           |                                         |                                                                                                            |                                                  |                                      |   |                                                                                                                      |                                                                                                            |                                                                                                                          |
| 65 | Baniens<br>(Service Technique)       | Ir |      |      |      | 67+   | 12             |                               |                                 | E 15 | T |      |     |      |      |     |     |                                                                                 |                                         |                                                                                                            |                                                  |                                      |   |                                                                                                                      |                                                                                                            |                                                                                                                          |
| 66 | Jean Gardère                         | Un | 1948 |      |      | 51.9  | 16<br>12<br>10 | 0- 6.0<br>0-26.8<br>24.4-51.9 | Blank<br>Blank & Perf.<br>" " " |      |   |      |     | -0.9 |      |     |     | 7.6- 10.7<br>12.2- 13.2<br>14.9- 16.2<br>17.1- 18.0<br>27.4- 29.0<br>36.6- 47.2 |                                         | Gravel with sand<br>Coarse gravel<br>" "<br>Sand and gravel<br>Coarse gravel<br>Gravel in sand<br>and clay | Recent<br>"<br>"<br>"<br>"<br>Pleistocene        |                                      |   | In September 1948, well yielded 17.4<br>lts./sec. with static level at 0.9<br>meter and pumping level at 4.0 meters. |                                                                                                            |                                                                                                                          |
| 68 | Domaine public                       | D  |      |      |      |       | 6              |                               |                                 |      |   |      | 0.5 | +    |      |     |     |                                                                                 |                                         |                                                                                                            |                                                  |                                      |   |                                                                                                                      |                                                                                                            | Water has good taste.                                                                                                    |
| 69 | Service Technique<br>-Monteb         | D  |      |      |      | 16+   | 12             |                               |                                 |      |   |      |     | -2.4 |      |     |     |                                                                                 |                                         |                                                                                                            |                                                  |                                      |   |                                                                                                                      |                                                                                                            | Water slightly brackish. Formerly<br>equipped with pump but this removed<br>about 1938. Well may now be partly<br>caved. |



PLEASE REPLACE IN POCKET  
IN BACK OF BOUND VOLUME

(200)  
G & H



Table 5 (Continued)

49-114

85647

| A  | B                       | C    | D    | E | F | G     | H  | I                   | J                        | K | L | M | N | O    | P | Q | R | S | T         | U | V                    | W       | X | Y | Z | AA                                             |
|----|-------------------------|------|------|---|---|-------|----|---------------------|--------------------------|---|---|---|---|------|---|---|---|---|-----------|---|----------------------|---------|---|---|---|------------------------------------------------|
| 70 | Pascher No.             | Ir   | 1948 |   |   | 61.0+ | 12 |                     |                          |   |   |   |   |      |   |   |   |   | 61.0-     | + | Gravel               |         |   |   |   |                                                |
| 71 | Henry Oddies            | IN,D | 1946 |   |   | 24.4  | 3  | 0-15.2<br>15.2-24.4 | Perforated(?)<br>Uncased |   | 1 |   |   | -0.7 |   |   |   |   |           |   |                      |         |   |   |   | Used in small distillery. Hand pump.           |
| 72 | "Haseco" mill           | De   | 1919 |   |   | 41.0  | 6  |                     |                          |   |   |   |   |      |   |   |   |   | 31.0-41.0 |   | Limestone,<br>broken | Miocene |   |   |   | Well yielded very little salty water           |
| 73 | "Haseco" residence area | De   | 1919 |   |   | 141.0 | 6  |                     |                          |   |   |   |   |      |   |   |   |   |           |   |                      |         |   |   |   | Well produced a very meager quantity of water. |

- 1/ A, abandoned; B, domestic; De, destroyed; In, industrial; Ir, irrigation; PS., public supply; S, stock; Un, unused.  
 2/ Elevation of land surface at well collar.  
 3/ D, diesel; E, electric.  
 4/ L, lift; T, turbine.

- 5/ By natural artesian flow.  
 6/ Approximate levels as of November 1948.  
 7/ Below land surface.

PLEASE REPLACE IN POCKET  
 IN BACK OF BOUND VOLUME



2000  
 7844