MISCELLANEOUS FIELD NOTES

3-3407-33

TMK 6-7-01-26

LEGEND

(1) Well located in 6' ID circular concrete pit.

Well #3-3407-33 (Pump #1 was located here after Feb. 1976.)

Well #3-3407-27 (T-100) This well is 15' 5" South of 3-3407-33 and is in the conc. base of Pump of Artwell.

Well #3-3407-26 (T-99) This well is 48' South of 3-3407-27.

Well #3-3407-29 (318-1) Pump #1 was located 11' 5" prior to Feb. 1976.

KY. CHAP.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Time</th>
<th>Sample</th>
<th>Titration</th>
<th>Sample</th>
<th>AgNO₃ (Milliliters)</th>
<th>Factor</th>
<th>Chlo-</th>
<th>Remarks</th>
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<td>1220</td>
<td>PT</td>
<td>10</td>
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<td>PT</td>
<td>2</td>
<td>6.20</td>
<td>5.26</td>
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<td>18.00</td>
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<td>WAI</td>
<td>15</td>
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<td>3-1307-33</td>
<td>0-27-27-20</td>
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</table>

**HAW 2665**

**USGS - GROUND WATER ANALYSIS**

- **Latitude**: 21° 18' 12"
- **Longitude**: 158° 42' 12"
- **Owner**: WAIAlUA SUGAR
- **Use**: Irrigation
- **Sample Depth**: 26 ft
- **Type**: Point of Collection
- **Point of Coll.**: Percent Pumps Site

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Cased to (ft)</th>
<th>Diam. (in.)</th>
<th>Date Drilled</th>
<th>Well No. 131-13WI0tjl-1 3 1 31 1 III 1</th>
<th>Source of data</th>
<th>Card Q</th>
<th>Dissolved solids: Residue at 180°C</th>
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</thead>
<tbody>
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</table>

- **Specific Conductance (micromhos at 25°C)**: 18400 mg/l
- **pH**: 7.9
- **Temp (°C)**: 24.5
- **Fac. Reading**: 0.55
- **SiO₂**: 0.25 ml, Reading 0.251°
- **Ca**: 45.6 ml, Reading 45.49
- **Mg**: 39.1 ml, Reading 32.65
- **Na**: 32.65 ml, Reading 54.58
- **K**: 14.1 ml, Reading 3.55

**Dissolved solids**
- **Residue at 180°C**: 58 T/AF 63

**Noncarbonate**
- **Hardness**: 70 73
- **Noncarbonate**: 74 77

**Color**
- **Curd R**: 78 76

**Total cations** 115.67

**Total anions** 117.37
Oahu Well 318-1 to 318-4
Schematic sketch of Puuiki Pumps 1 to 4 showing location of wells and transmission line

Kaiaka Bay

Notes:
Pump #1 moved to New Well dug by Waiheka Sugar on Feb. 1970
Well 318-1 presently unused - no pump

Modified by I. Yamashiro
5-1-72

Prepared by R. Huke
modified by Jack Rosemanu
7-13-72