June 29, 1981

KACOR Realty

Attn: Mr. Stanley Fujimoto

Gentlemen:

Thank you for your letter of June 18, 1981, informing us that Wells #1840-06 and 1740-03 are no longer in use.

Our staff may contact you for a field check of the wells or if we need further information.

We appreciate your prompt response in this matter.

Very truly yours,

ROBERT T. CHUCK
Manager-Chief Engineer
Telephone conversation with Mr. Stanley Fujimoto of KACOR Realty:

Mr. Fujimoto said that the wells are probably located in the golf course area but that nobody knows exactly where they are. Apparently whatever development covered the area occurred between 1971-1973 and that the people who were around then are no longer under their employment. However, he is sure that the wells are no longer being used.

N. Imada
6/26/81
To

- Robert T. Chuck
- Takeo Fuji
- James Yoshimoto
- Manabu Tagomori
- George Morimoto
- Hong Fong Chang
- Herbert Morimatsu
- George Miyashiro
- Harold Sakai
- Leslie Asari
- Albert Ching
- George Matsumoto
- Daniel Lum
- Paul Matsuo
- Noboru Kaneshiro
- Edwin Sakoda

Initial

- See Me
- Take action by
- Route to your branch
- Review & comment
- Draft reply by
- For information
- Xerox distributed
- Acknowledge receipt

From: [Signature]
Date: 2/4/3
File In:

[Signatures]

[Stamp]: MLT

[Stamp]: NEAL
June 18, 1981

State of Hawaii
Dept. of Land & Natural Resources

Attention: Mr. Susumu Ono

Re: Use of Ground Water from Wells #1840-06 and 1740-03

Gentlemen:

This is in response to your letter of April 3, 1981. Both of the above mentioned wells are no longer in use.

Should you have any questions, please contact me.

Very truly yours,

Stanley F. Fujimoto
Chief Engineer,
Queen's Beach Division

STF:ec
<table>
<thead>
<tr>
<th>Date</th>
<th>2/12/68</th>
</tr>
</thead>
</table>

**MISCELLANEOUS FIELD NOTES**

- **Public**: W.L.
- **Sample**: W.L.
- **Test**: Road to 55th St. N.
- **Yank**: Robo Well
- **Well**: 31'-3.5" X 4.6'-3.0" Well 433
- **Nakam**: X
- **Well**: 30'-3.0" X 5'-3.0" Well X

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**Graph**

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>5000</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000</td>
<td>5800</td>
<td>1700</td>
</tr>
<tr>
<td>3300</td>
<td>5800</td>
<td>1700</td>
</tr>
<tr>
<td>3700</td>
<td>5800</td>
<td>1700</td>
</tr>
<tr>
<td>4830</td>
<td>5800</td>
<td>1700</td>
</tr>
<tr>
<td>5000</td>
<td>5800</td>
<td>1700</td>
</tr>
</tbody>
</table>

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**Notes**

- Copies to: CY, KKL, GKL
PORTION OF
MAUNALUA
SHOWING
WELL LOCATION
MAUNALUA
KOOLAU KISOKO, OAHU
JUNE 2007
JANUARY 1942
Location- On lot No. 32, Allen Davis Tract, in Kalama valley near Koko Crater, about 0.8 mile north of Kalaneanaole Highway.

Owner- Hideo Chinen.

Altitude- 78 ft.

Drilled- January, 1949 by Hat Whiton.

Diameter- 8 in.

Depth- 100.8 ft.

Casing- 89 ft.

Head- Sept. 8, 1949, 0.75 ft.

Chloride- Sept. 9, 1949, 0.84 ft.

Use- Irrigation and livestock supply.

Capacity- Tested by pumping at the rate of 33 gallons a minute with 1.3 ft. drawdown (Sept. 9, 1949).

Bench Mark- Top of concrete floor of pump house, 0.3 ft. makai of casing; altitude, 78.39 ft.

TAX Key 3-9.15-40

Leg

0.0 - 28.3 ft. Compact soil, clay, sand, and some gravel
28.3 - 32.0 Cemented white sand
32.0 - 44.8 Medium and hard lava
44.8 - 72.3 Medium and soft lava with streaks of hard lava
72.3 - 80.0 Hard lava rock
80.0 - 100.8 Hard lava rock with streaks of medium and coral

Well is equipped with Fairbanks-Morse deep-well ejector pump and 1/2" air line for head measurements. Air line is 87.15 ft. long.
Date: 7/18/68

MISCELLANEOUS FIELD NOTES

No. of sheets
CHEMICAL LABORATORY REPORT

Subject: Shallow Wells, Lakehead (Kauai Dev. Co.)

Samples received, collected on March 10 by P. Morris.
Lab. Nos. 91581-586.

<table>
<thead>
<tr>
<th>Source</th>
<th>Time</th>
<th>Depth of Well, ft</th>
<th>Chloride, ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yasa Well</td>
<td>1036</td>
<td>1</td>
<td>2,400</td>
</tr>
<tr>
<td>Well #426</td>
<td>1110</td>
<td>116</td>
<td>1,040</td>
</tr>
<tr>
<td>Nakama Well</td>
<td>1015</td>
<td>1</td>
<td>1,010</td>
</tr>
<tr>
<td>Well #433</td>
<td>1054</td>
<td>103</td>
<td>4,570</td>
</tr>
<tr>
<td>Well #434</td>
<td>1126</td>
<td>83</td>
<td>1,100</td>
</tr>
</tbody>
</table>

* Data not available.

March 22, 1963
GT Div

Copies to: CY, KEL, ORL

Y. P. Lee
Chemist
Well 433

25' East of E Bukai, 0.6 mi NW of junction.

Location- Lots 22 and 24, Windmill Tract, Koko Head, about 300 ft. south of old Makapuu Lighthouse road, 25 ft. east of road to Kalama valley and 0.7 mile north of Kalanianaloa Highway.

Owner- (Satomi Maneki.) George Pederson

Altitude- 96 ft.


Diameter- 6 in.

Depth- 105 ft.

Casing- 106 ft. Bottom length probably shorter.

Head- Aug. 22, 1947, 0.79 ft.


Use- Irrigation of truck farm.

Tax Key 3-9-15-9

Log

0 - 30 ft. Brown clay and boulders
30 - 41 Boulders
41 - 50 Brown clay and boulders
50 - 55 Soft lava rock
55 - 75 Medium hard black lava rock and layers of red lava rock and limestone
75 - 105 Medium hard black lava rock and layers of limestone
April 3, 1981

Kacor Realty
Attn: Mr. Stanley Fujimoto

Gentlemen:

On February 27, 1981, the Board of Land and Natural Resources designated the Honolulu and Waialua Districts as the Honolulu Ground Water Control Area and the Waialua Ground Water Control Area. By this action, the Department of Land and Natural Resources is now responsible for regulating all uses of ground water in these areas.

If you are currently using ground water from any well or spring source, you are required to declare such water use to the Department of Land and Natural Resources if you wish to continue your present use. Specifically, you must fill out, sign, and return the enclosed Declaration of Existing Water Withdrawal and Use form to the Department by June 4, 1981, in accordance with Regulation 9 of the Department of Land and Natural Resources.

According to our records, you have ___ well(s) located on your property (Tax Map Key ________). Please complete the enclosed form and return it as soon as possible to: Department of Land and Natural Resources, ________

If you have any questions or need help in filling out the form, please call the Division of Water and Land Development at _______.

Thank you for your cooperation.

Very truly yours,

SUSUMU ONO
Chairman of the Board
WELL INFORMATION SHEET

Instructions: The following information is currently on file at the Department of Land and Natural Resources, Division of Water and Land Development. If there are any changes, please make the necessary corrections and return to the Department of Land and Natural Resources.

<table>
<thead>
<tr>
<th>Well Number:</th>
<th>1740-03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name or Location:</td>
<td>Kalama Valley</td>
</tr>
<tr>
<td>Owner or User:</td>
<td>Pederson</td>
</tr>
<tr>
<td>Year drilled:</td>
<td>1947</td>
</tr>
<tr>
<td>Driller:</td>
<td>Mullin</td>
</tr>
<tr>
<td>Ground Surface Elevation in feet referenced to mean sea level:</td>
<td>96</td>
</tr>
<tr>
<td>Casing Diameter in inches:</td>
<td>6</td>
</tr>
<tr>
<td>Total depth of well in feet:</td>
<td>105</td>
</tr>
<tr>
<td>Casing depth in feet:</td>
<td>105</td>
</tr>
<tr>
<td>Major Use:</td>
<td>☑ Irrigation</td>
</tr>
<tr>
<td>Static Water Level in feet:</td>
<td>0.8</td>
</tr>
<tr>
<td>Chloride content of water in milligrams/liter:</td>
<td>875 - 1580</td>
</tr>
<tr>
<td>Installed pump capacity in million gallons per day:</td>
<td></td>
</tr>
<tr>
<td>Average annual draft in million gallons per day:</td>
<td></td>
</tr>
</tbody>
</table>
WELL INFORMATION SHEET

Instructions: The following information is currently on file at the Department of Land and Natural Resources, Division of Water and Land Development. If there are any changes, please make the necessary corrections and return to the Department of Land and Natural Resources.

Well Number: 1840-06

Name or Location: Kalama Valley

Owner or User: ____________________________________________

Year drilled: 1949

Driller: Nat Whiton

Ground Surface Elevation in feet referenced to mean sea level: 78

Casing Diameter in inches: 8

Total depth of well in feet: 101

Casing depth in feet: 89

Major Use: □ Domestic □ Disposal
□ Municipal □ Unused □ Lost
□ Irrigation □ Sealed □ Recharge
□ Industrial □ Observation □ Other (specify) __________

Static Water Level in feet: ________________________________

Chloride content of water in milligrams/liter: 1390

Installed pump capacity in million gallons per day: ______________

Average annual draft in million gallons per day: __________________
Well Nos. 1740-03  1840-06  Kacor Realty
Honolulu Cent.

Mail to:  KACOR Realty

Attn: Mr. Stanley Fujimoto

attached

(include map in letter)