WATER RESOURCES & FLOOD CONTROL BRANCH
Division of Water and Land Development

FROM: Ed
DATE: 5/29/86
FILE IN: PHSWCA - Waimanu Well Sewing

TO: INITIAL:

PLEASE:
- See Me
- Review & Comment
- Take Action
- Investigate & Report
- Draft Reply
- Acknowledge Receipt
- Type Draft
- Type Final

cc: Xerox copies

FOR YOUR:
- Approval
- Signature
- Information

REMARKS:
Pictures of Oahu Sugar Co. (abandoned) wells at Waimanu. Last used Nov. 1970.
Deepest well is 955' total depth.
<table>
<thead>
<tr>
<th>DEPTH</th>
<th>955</th>
<th>1020</th>
<th>617</th>
<th>702</th>
<th>612</th>
<th>510</th>
<th>491</th>
<th>470</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOGGED</td>
<td>655</td>
<td>624</td>
<td>580</td>
<td>380</td>
<td>405</td>
<td>280</td>
<td>250</td>
<td>210</td>
</tr>
<tr>
<td></td>
<td>240</td>
<td>612</td>
<td>230</td>
<td>469</td>
<td>388</td>
<td>518</td>
<td>388</td>
<td>72</td>
</tr>
</tbody>
</table>

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**Diagram Notes:**
- Depth measurements indicated in feet.
- Diagram labeled with various points labeled A, B, C, D, E, F, G, H, I.
- Timestamps: 9/10/86, 9/12/86, 9/13/86, 9/14/86, etc.
- Dimensions and coordinates indicated: 15.14', 15.15', etc.

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**Additional Notes:**
- Pump #4
- Hawaii Plantation

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**Legend:**
- 7 mill - red
- 4 mill - red
- Pump - red
- Water test - red
- 7 mill - blue
- 4 mill - blue
- Water test - blue

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**References:**
- No references are visible in the image.

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**Overall Analysis:**
The document appears to be a log of some engineering or geological data, possibly related to a water management or pumping system. The table provides depth measurements, and the diagram illustrates various points and timelines, likely indicating a study or monitoring project in Hawaii Plantation.
Well Name or Location

Tax Map Key

Landowner

Applicant

Drilling Contractor

Date work completed

Reference Points:
- Top of chisled
- Bottom of chisled
- Pump
- Length of casing
- Length of cement part seal
- Well cleared to
- Top of rock sand fill

Well Number
WELL ABANDONMENT CROSS-SECTION

Reference Points:
- Top of casing
- Casing Surface
- Ground Surface

Length of casing: H

Well cleared to depth: V

Length of cement part seal: Y

Top of rock sand fill: X

Well Name or Location: ________________________
Well Number: ________________________
Tax Map Key: ________________________
Landowner: ________________________
Applicant: ________________________
Drilling Contractor: ________________________
Date work completed: ________________________
Reference Points:

- Top of casing
- Ground surface

Length of casing: _____ ft

Length of cement grout seal: _____ ft

Well cleared to: _____ ft depth

Top of rock, sand, fill: _____

Well Name or Location: ____________________________

Well Number: ____________________________

Tax Map Key: ____________________________

Landowner: ____________________________

Applicant: ____________________________

Drilling Contractor: ____________________________

Job work completed: ____________________________
WELL ABANDONMENT CROSS-SECTION

Reference Point:
☐ Top of casing
☐ Ground surface
☐ Specific

Length of casing:
____ ft.

Well cleared to:
____ ft depth

Length of cement grout seal

Top of rock sand fill

Well Name or Location ____________________________ Well Number __________

Tax Map Key ____________________________
Landowner ____________________________
Applicant ____________________________
Drilling Contractor ____________________________
Date work completed ____________________________
WELL ABANDONMENT CROSS-SECTION

Reference Point:
- Top of Casing
- Bottom Casing
- Other

Length of casing:
- _______ ft.

Well cleared to:
- _______ ft. depth

Length of cement grout seal

Top of rock sand fill

Well Name or Location ____________________________ Well Number __________

Tax Map Key ____________________________

Owner ____________________________

Applicant ____________________________

Drilling Contractor ____________________________

Date work completed ____________________________
DIVISION OF WATER AND ROUTE

FROM:

FOR: Your Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASARI, Leslie</td>
<td>MIYAMOTO, George</td>
</tr>
<tr>
<td>CHING, Albert</td>
<td>MIYAMOTO, Stephen</td>
</tr>
<tr>
<td>CHUCK, Robert</td>
<td>MIYASHIRO, George</td>
</tr>
<tr>
<td>FUJII, Takeo</td>
<td>MORIMATSU, Herb</td>
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<tr>
<td>HAMADA, Doris</td>
<td>MORIMOTO, George</td>
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<tr>
<td>INATSUKA, Charles</td>
<td>NAKAMA, Thomas</td>
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<tr>
<td>IMADA, Neal</td>
<td>NANBU, Lorraine</td>
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<td>JINNAI, Richard</td>
<td>OHYE, Mitchell</td>
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<td>KANESHIRO, Noboru</td>
<td>SAKAI, Harold</td>
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<tr>
<td>KASAMOTO, Junji</td>
<td>SAKAI, Jane</td>
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<tr>
<td>KOYANAGI, Bill</td>
<td>SAKODA, Edwil</td>
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<tr>
<td>KURASHIGE, Randall</td>
<td>SHIBUYA, Yoshihisa</td>
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<tr>
<td>LUM, Dan</td>
<td>SHIROMA, Yoshiaki</td>
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<tr>
<td>MATSUMOTO, George</td>
<td>SIAROT, Jean</td>
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<tr>
<td>MATSUO, Paul</td>
<td>TAGOMORI, MANABU</td>
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<tr>
<td>MENOR, Joseph</td>
<td>YONAMINE, Elsie</td>
</tr>
<tr>
<td>Well No. 197</td>
<td>Elevation (ft)</td>
</tr>
<tr>
<td>------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>A</td>
<td>55.72</td>
</tr>
<tr>
<td>B</td>
<td>57.37</td>
</tr>
<tr>
<td>C</td>
<td>54.92</td>
</tr>
<tr>
<td>D</td>
<td>55.52</td>
</tr>
<tr>
<td>E</td>
<td>56.11</td>
</tr>
<tr>
<td>F</td>
<td>57.14</td>
</tr>
<tr>
<td>G</td>
<td>57.55</td>
</tr>
<tr>
<td>H</td>
<td>57.65</td>
</tr>
</tbody>
</table>

All wells are 12" diameter
WATER RESOURCES & FLOOD CONTROL RANCH
Division of Water and Land Development

FROM: Ed

TO: INITIAL: T. FUJII

DATE: 8/21/86

FILE IN: Warmen Well Sealing

PLEASE:

- See Me
- Call
- Review & Comment
- Take Action
- Investigate & Report
- Draft Reply
- Acknowledge Receipt
- Type Draft
- Type Final

cc: 1020' Top or Riser

REMINDERS:

- Pump 4 well "C" was logged by BWS this morning.
- Total depth of Well "C" may be deeper than Well "A" which is supposed to be 955' deep.
- Driller is going to backfill "C" unless otherwise notified.

FOR YOUR:

- Approval
- Signature
- Information

INFORMATION:

- S. Miyamoto
- N. Kaneshiro
- D. Nakano
- E. Sakoda
- D. Lum
- J. Menor
- M. Ohye
- S. Samuels
- W. Koyanagi
- D. Hamada
- K. Oshiro
- M. Tagomori
- H. Sakai
- H. Morimatsu
- J. Sato
- Xerox copies
- Mail

(Copy)

 Köln
WAIKAKU WELLS SEALING

* Est. 3 yards backfill

#14 6/19/86

400' GND
+3' weight

403
- 25'

378' Top of riser

46 left on truck

44'11"
WELL "E" (over 4 @ mango trees) 400' to fill (from GND)
399' in well (21 ft lengths)
160 sacks cement (8 lengths out -168')
Pulling 4 lengths = 21' = 84' - 84' (252')
240
260
280
Pulling 2 lengths out (42')

WELL "D"
299 suck
138 suck
459 suck
Hole C (in younger sand) 35 ft. to top of rock sand (honed)

20 in mixer

20 sack in mixer (full

20 sack in well - 3

09/08/86

Cementing “H” (old) 0920

(60 sack in well 11 lengths) at 0920

(20 sack in mixer - 3 lengths)

Total 230 sacks
CEMENTING "G" 1300

40 sacks in hole

HHT HHT
HHT HHT HHT HHT
HHT HHT
HHT HHT (and check 20)

Total 200 sacks

09SEP86

Well "H" (old) 0930

DTW = 42.4' from gnd

Depth to cement = 47.2' from gnd

WELL "G"

DTW = 42.0' from gnd

DTC = 43.4'
1030 Start to cementing

1200 lbs 12\(\frac{1}{2}\) sacks going in.

Elev. Top of rock wall near tree - on rock wall wall or tree 50.59'
15 SEP 86

Cementing #16  /  PIC. #
Clamshell #17

#1C
1045 hrs  22 socks in hole.
Balance

(Four 4 lengths 21' tramme pipe @ 1140 hrs)

(Pull 3 lengths 21' tramme @ 1230)

(Pull 3 lengths @ 1300)

(Pull @ 1330)

508' TD
300' DT rock sand
220 sacks of site

8254

(142)

(182)

(220)
A. #197 new "closed" penciled in on drawing

B. (follows A in sequence) Pencil drawing on yellow notepad paper

C. (in sequence) Pencil drawing I-sealed Apr 49

D. Ltr. dated 15 Dec 25

E. Ltr. dated 17 Dec 25
P2 Wall 15
Elev. TOC = 36.15

46.4' Depth to cement.
30.4' DTW

P2 Wall 15
Elev. TOC = 37.61

Elev. "D" at open pit (Well B) 57.37

Ask MCH
D
F

336' trench width to R/S =
231' trench width =
WELL ABANDONMENT PERMIT
for
Pump Station No. 4 Wells
State Well Nos. 2356-34 to 42
Waimalu, Oahu

TO: Messrs. Warren C.S. Akiona and Edward Y.F. Tseu
c/o Community Planning, Inc.
700 Bishop St., Suite 608
Honolulu, Hawaii 96813

In accordance with Chapter 166 of Title 13, "Rules for the Control of Ground Water Use in the State of Hawaii", your application to abandon State Well Nos. 2356-34 to 42 located at Tax Map Key: 9-8-11:5, is approved subject to the following conditions:

1. Each well shall be cleared of obstructions to at least 100 feet below the casing shoe. The open hole shall be backfilled with rock sand to a depth of 100 feet below the casing shoe.

2. The well shall be cement grouted using the tremie method from 100 feet below the casing shoe to ground surface.

3. Data obtained during abandonment shall be submitted for each well on a Well Abandonment Cross-Section form (enclosed).

4. The applicant shall comply with all applicable laws, rules and ordinances.

SUSUMU ONO
Chairperson of the Board

Date of Issuance

4/12/86

Enc.
cc: USGS
    Dept. of Health,
    Drinking Water Program
    Honolulu BWS
    Roscoe Moss Company
Mr. John McCombs,
Asst. Engineer, Geological Survey,
Honolulu, T. H.

Dear Sir:

We are in receipt of your letter of 15th inst., and note that you and Mr. Livingston made an examination of wells at pump 4 and found one well leaking.

We would like to have you make another test, if convenient, and will gladly make the preparation for same that you suggest.

We note that you could not do much at pump 2 and will now wait for wet weather.

Accept our sincere thanks for your assistance in this work.

Yours truly,

HONOLULU PLANTATION COMPANY

JG:MO

Manager.

Oahu Well 197
Mr. James Gibb, Manager,  
Honolulu Plantation,  
Aiea, Oahu.

Dear Mr. Gibb:

Mr. Livingston and I made an examination of wells at your pump 4 with the following results and conclusions:

The well immediately under the open shaft at the pump house is leaking either through a hole in the casing. The tests made do not indicate how far down this leak may be, but it results in filling your pump pit with water when the valve is closed, and in allowing oil and dirt to enter your pump when the well valve is open. As it now stands, the well is of no possible use to you, probably wastes water from your artesian supply, and certainly can act as a source of contamination to your pump water. The pump men tell me the water from this well is brackish, but I could not get a satisfactory sample to verify this.

With the present information the only sure means of ending this condition would be to seal this well completely, from the bottom, and if needed, drill a new well.

If you wish, I can make further tests, to find the exact point of leakage, in which case I may be able to advise you to re-case the well. If these tests are made it will be necessary to remove the well head, put a blind flange on the suction line, and a ten foot length of casing on the top of the valve to stop the surface flow.

I am expecting to receive some new equipment for measuring flow and leakage in wells, and would prefer to wait a few weeks until it arrives. If you want this additional test made—it may save you the cost of a new well—please have Mr. Williams get in touch with me. We will expect you to make the necessary preparations, but the tests will cost you nothing.

With regard to pump 2, I have not been able to do much. It seems necessary to wait for wet weather, when the pumps can be shut down for at least two days.

Very truly yours,

JOHN MACOMBS,  
Assistant Engineer.

Copy to Mr. Williams.
Pump 4A or 4B

Ewa Pump West do.

Oahu Sugar Co. Unit #2

Hono. Pump

East do.

Oahu Sugar Co. Unit #1

197 new

Pump #4 Waimalu

Honolulu Plantation

Tax Key 9-8-11

Oahu
West Pump
Ewa Pump
Oahu Sugar Co. Unit #2

East Pump
Honolulu Pump
Oahu Sugar Co. Unit #1

Pump #4
Honolulu Plantation
Oahu