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

FROM: Ed
DATE: 5/29/86
FILE IN: PHSWCA - WAIMALU WELL SEASON

TO: INITIAL:

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

PLEASE:
See Me
Call
Review & Comment
Take Action
Investigate & Report
Draft Reply
Acknowledge Receipt
Type Draft
Type Final
cc: Xerox copies
File
Mail

FOR YOUR:
Approval
Signature
Information

REMARKS:
Pictures of Ocean Sugar Co. (abandoned) wells at Waimalu. Last used Nov. 1970. Deepest well is 955' total depth.
Well Name or Location
Tax Map Key
Landowner
Applicant
Drilling Contractor
Date work completed

74
Well Name or Location: ___________________________________  Well Number: ____________________
Tax Map Key: ____________________
Landowner: ____________________
Applicant: ____________________
Drilling Contractor: ____________________
Date work completed: ____________________
DIVISION OF WATER AN
ROUTE

FROM: 
FOR: Your Information

ASARI, Leslie        MIYAMOTO, George
CHING, Albert        MIYAMOTO, Stephen
CHUCK, Robert        MIYASHIRO, George
FUJII, Takeo         MORIMATSU, Herb
HAMADA, Doris        MORIMOTO, George
INATSUKA, Charles    NAKAMA, Thomas
IMADA, Neal          NANBU, Lorraine
JINNAI, Richard      OHYE, Mitchell
KANESHIRO, Noboru    SAKAI, Harold
KASAMOTO, Junji      SAKAI, Jane
KOYANAGI, Bill       SAKODA, Edwil
KURASHIGE, Randall   SHIBUYA, Yoshii
LUM, Dan             SHIROMA, Yoshiaki
MATSUMOTO, George    SIAROT, Jean
MATSUO, Paul         TAGOMORI, MANABU
MENOR, Joseph        YONAMINE, Elsie
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<th>Well No. 197</th>
<th>Elevation (ft)</th>
<th>Casing depth (ft)</th>
<th>Casing elevation (ft)</th>
<th>Depth (ft)</th>
<th>Elevation (ft)</th>
<th>Rock Sand depth (ft)</th>
<th>Rock Sand elevation (ft)</th>
<th>Rock Sand (tons)</th>
<th>Rock Sand (yds)</th>
<th>Cement (bags)</th>
<th>Cement elevation (ft)</th>
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All wells are 12" diameter
WATER RESOURCES & FLOOD CONTROL RANCH
Division of Water and Land Development

FROM: [Ed]
TO: [INITIAL]

DATE: 8/21/86
FILE IN: WARMELL WELL SEALING

PLEASE:
- See Me
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- Draft Reply
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cc: [1020' TOP OR RISER]

REMARKS:
Pump 4 well "C" was logged by BWS this morning.
Total depth [1020' TOP OR RISER]

FOR YOUR:
- Approval
- Signature
- Information

Driller is going to backfill "C" unless otherwise notified.

[signature]
[Information verified]
WARMALL JELL SEALING

Backfilling:

@ 1045

400' GND
+3' WEIGHT

403

25'

370' Top of Riser

Est. 3 yards Backfill

#14 of @ 30 6/19/86

Blend cement:

mix thru

(pull out 40' pm)

mix thru

(pull out 20' pm)

mix thru

(pull out 20' pm)

(pull out 60' pm)

(pull out 80' pm)

10 x 15

46 left on truck

3.45
WELL "E" (over 19 mango trees) 400' to fill (from GND)
399' from in well (21 ft lengths)
160 sacks cement (8 lengths out -168')
Pulling 4 lengths @ 21' = 84' - 84

Pulling 2 lengths out (42')

Pulling 2 lengths

WELL "D"
299 sacks
183 sacks
459 sacks
Date: 8/29/86

Hole C (in pump house) 330' to top of rocksand (broom pad)

- 0932 400 sacks in hole (took 33 tons of rocksand - 42)
  28 in mixer

Pull out - concrete 2 (42) bags

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1215 HIT 230 sacks in Hole "C"

Date: 9/08/86

Cementing "H" (old) 0920
(60 sack in well - 11 lengths) at 0920
(20 sack in mixer - 3 lengths)

Mixing 0933

HIT HIT HIT HIT
HIT HIT HIT HIT
HIT HIT HIT HIT
HIT HIT HIT HIT

TOTAL 230 sacks
TONY

F 612 156 csp

A 954 254 csp.

CEMENTING "G" 1300 (276 Sacks on site)

40 sacks in hole

H H H
H H H H H H
H H H H H

H H H H H H H H
H H H H (another 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'
11:30 AM  
4-16 F

11' length 21' frac pipe,
Casing Depth = 156' 
Rcv back = Z60'

10:30 Started cementing

120 hours 12½ socks going in

ELEV. TOP OF ROCKWALL NEAR TREE ON ROCK WALL NAILER OR TREE 50.59'
15 SEP 86
Cementing #16
Clamshell #17

Cementing

1045 hrs
22 socks in hole.

(220 socks at site)

300' DT rockand
508' TD

(142)

(1230)

(1300)

(220)

Pulled @ 1330

(1140 hrs)

(225).
A - #197 now "closed" penciled in on drawing

B (follows A in sequence) Pencil drawing on yellow note pad paper

c (in sequence) Pencil drawing I-sealed Apr 49

D. Ltr dated 15 Dec 25

E. Ltr dated 17 Dec 25
P2. Well 16

46.4' Depth + cement.

30.4' DTW

ELEV. TOC = 36.15

P2. Well 15

ELEV. TOC = 37.61

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

Ask MOH

D

F

336' Trench Depth to M/l =

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.

4/12/86
Date of Issuance

SUSUMU ONO
Chairperson of the Board

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

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 McCOMBS,  
Assistant Engineer.

Copy to Mr. Williams.
Pump 4A or 4B
Ewa Pump
West do.
(Oahu Sugar Co., Unit #2)

[Diagram showing a map with various labels and numbers]

Pump #4 Waimalu
Honolulu Plantation
Tax key 9-8-11
Oahu

Hono. Pump
East do.
(Oahu Sugar Co., Unit #1)
197 mew

Pump 4A or 4B

Closed
Location 2
Pump & Wells
Kaumakou
17 Nov
Only Well 197-A to I
Pump #4
Honolulu Plantation
Oahu