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

TO: INITIAL:

PLEASE:

T. FUJII
See Me

D. Lum
Call

E. Sakoda
Review & Comment

D. Nakano
Take Action

J. Menor
Investigate & Report

M. Ohye
Draft Reply

N. Kaneshiro
Acknowledge Receipt

S. Miyamoto
Type Draft

S. Samuels
Type Final

W. Koyanagi
cc:

D. Hamada
Xerox copies

K. Oshiro
File

FOR YOUR:

M. Tagomori
Approval

H. Sakai
Signature

H. Morimatsu
Information

J. Sato

REMARKS:

Pictures of Oahu Sugar Co. (abandoned) wells at Waimalu.

Last used Nov. 1970. Deepest well is 955' total depth.
WELL ABANDONMENT CROSS-SECTION

Reference Points:
- Top of casing
- Ground surface

Length of casing (ft)

Length of cement part seal

Well cleared to (ft depth)

Top of rock sand fill

Well Name or Location

Well Number

Tax Map Key

Landowner

Applicant

Drilling Contractor

Date work completed

---

65
WELL ABANDONMENT CROSS-SECTION

Reference Point:
- Top & casing
- Second Satellite
- Point

Length of casing: _____ ft.

Well cleared to: _____ ft.

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 Points:
1. Top of casing
2. Bottom of casing
3. Ground surface

Length of casing: __________ ft.

Length of cement grout seal: __________

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
- Specify

Length of casing: ___________ ft.

Length of cement grout seal

Well cleared to __________ ft depth

Top of rock sand fill

Well Name or Location ___________________________ Well Number __________

Tax Map Key ___________________________

Owner(s) ___________________________

Applicant ___________________________

Pitting Inspector ___________________________

Date work completed ___________________________
DIVISION OF WATER AND 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, Yoshihisa
LUM, Dan  SHIROMA, Yoshiaki
MATSUMOTO, George  SIAROT, Jean
MATSUO, Paul  TAGOMORI, MANABU
MENOR, Joseph  YONAMINE, Elsie
WATER RESOURCES & FLOOD CONTROL RANCH
Division of Water and Land Development

FROM: Ed
DATE: 8/21/86
FILE IN: Warmen Well Sealing

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:

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

REMARKS:
Pump 4 well "C" was logged by BWS this morning.
Total depth = 1020' top of riser
Casing depth = 182' top of riser
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 notified.
4.59
169
229

50
50
50
50
50

1,600 socks counted (8 counts out - 168)
391 feet. in well (21 ft. length)
WELL "E" near 419 mango trees. 400 ft. from E.
351,600 bulbs

8/22/66
(1)
Page 8/29/86

Hole C (in place now) 35' to top of rock sandstone (from pod)

400 sacks in hole (took 33 tons of rock sand stone)
20 in mixer

Pour out for mixing 2 (42')

1215 hrs 230 sacks in Hole "C"

09/08/86

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

Mixing 0933

200

Total 230 sacks
Cementing "G"

1300 (276 sacks on site)

40 sacks in hole

9IT III
9IT III III
9IT III III III
9IT III III III III
9IT III III III III III
9IT III III III III III III

“pull II” 60 sacks

“pull III” 120

“pull III” (pull III) 170

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’
11h30 50' 4:38 F

11' length 21' from pipe.
Casings Depth = 156'
Rock sand = 262'

1030 Started cementing.

00

1200: 12 1/2 sacks going in.

ELEV. TOP OF ROCKWALL NEAR TREE - ON ROCK WALL ALIGN OR TAPER 50.59'
15 Sep 86
Cementing #16 / Pit. #
Clamshell #17

#16
1045 hrs  22 socks in hole
220 socks at site

300' DT rock sand

(Save 4 lengths 21' tremie pipe @ 1140 hrs)
(3 lengths 21' tremie @ 1230)
(142)
(182)

220 socks
Pau @ 1330
MSGS Files 2350-34

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

P2 Well 15

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

Ask MOH D F

336' trench North to R/S = 231' trench
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.

Date of Issuance

Enc.
cc: USGS
    Dept. of Health,
    Drinking Water Program
    Honolulu BWS
    Roscoe Moss Company

SUSUMU ONO
Chairperson of the Board

4/12/86
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
Water Resources Branch

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.

Honolulu, T.H., December 15, 1925.
Pump 4A(? or 4B?)
Ewa Pump
West do.
Oahu Sugar Co.
Unit #2

Hono. Pump
East do.
Oahu Sugar Co. Unit #1
197 rev

Pump #4 Waimalu
Honolulu Plantation
Tax Key 9-8-5
Oahu
Location 7
Pump and Wells
Pumps #1, 197-A to I
West Pump
Ewa Pump
Oahu Sugar Co. Unit #2

Pump #4
Honolulu Plantation
Oahu