The call for D.K. and prepare code schedule.
Update: Complete code schedule when D.K. is received. Let's see your revised 
folder: "Well Permit - Oelmu".
February 2, 1977

Mr. Robert Chuck  
Manager and Chief Engineer  
Department of Land and Natural Resources  
Division of Land and Water Development  
P. O. Box 373  
Honolulu, Hawaii  96809

Dear Mr. Chuck:

SUBJECT: Well Permit for Mr. and Mrs. Rizalino Cabitac

Attached for your information and files is a copy of the well permit issued by the Board of Water Supply to Mr. and Mrs. Rizalino Cabitac on February 2, 1977.

Please call Mr. Chester Lao at 548-5276 if you have any questions regarding this permit.

Very truly yours,

Herbert H. Minakami  
Assistant Waterworks Chief Engineer

ATTACH.
TO: Mr. Rizalino M. and
Mrs. Emilia B. Cabitac
96-165 Kamehameha Highway
Pearl City, Hawaii 96782

Your application of January 26, 1977 for the drilling of a new
well has been approved in accordance with our Rules and Regulations
for the Protection, Development and Conservation of Water Resources
in the City and County of Honolulu.

You are hereby granted a permit to drill a well at Tax Map Key
9-6-03:13, Lot A in accordance with the drawings submitted with your
application.

This permit is granted subject to the Rules and Regulations of the
Board of Water Supply and the following conditions:

1. Mr. Chester Lao of the Board of Water Supply, telephone
548-5276, shall be notified before any work covered by
this permit commences.

2. This permit shall be valid upon receipt by the Board of
Water Supply of a permittee bond in the amount of $1,500
in accordance with Chapter III, Section 3-305 of these
Rules and Regulations.

3. The well casing shall be grouted with neat cement from
the bottom of the casing to ground surface.

4. The owner shall install a flow measuring device and
report bi-monthly use of water to the Board of Water
Supply.

5. Upon completion of the project, the following shall be
submitted to the Board of Water Supply:
   a. Record of geologic formations encountered,
   b. As built drawing of the well including
      appurtenances and piping.
6. Because of the presence of nearby cesspools and the potential for contamination of the well water, you are urged to take precautionary measures of having periodic checks on the bacterial purity of the water.

EDWARD Y. HIRATA
Manager and Chief Engineer
Board of Water Supply

FEB 2 1977
Date of Permit
APPLICATION FOR DRILLING, MODIFYING, RECASING OR REUSING WELLS

INSTRUCTIONS: Please send 1 copy to Honolulu Board of Water Supply, who will distribute to other agencies concerned. In filling out, refer to Rules and Regulations of the Honolulu Board of Water Supply adopted on May 10, 1976 and applicable rules and regulations of the State Department of Health.

OWNER: (See EWS Rules and Regulations Chapter III, Sec. 3-305, Item 1a)
Rizalino M. and Emilia B. Cabitac

ADDRESS: 96-165 Kamehameha Highway
Pearl City, Hawaii 96782

1. APPLICATION FOR WELL: (See Chapter III, Sec. 3-305, Item I)
   Drill X Reuse ___
   Modification ___ Recase ___
   Change in use ___

2. WORK TO BE PERFORMED BY: (See Chapter III, Sec. 3-311)
Continental Drilling Hawaii, Inc.
2808 Kaihikapu Street
Honolulu, Hawaii 96819

WR 900 (Rev. 10-76)
3. USE OF WELL: *(See Chapter III, Sec: 3-305, Item 1c)*

Furnish water for residential and domestic use.

4. ATTACHMENTS: *(Each copy of the application shall have a complete set of attachments)*

a. Location of well: 96-165 Kamehameha Highway, Pearl City, HI

   Tax Map Key: 9-6-03: 13 Lot A

b. Land area served: *(Attach map showing exact location of well and area served. See Chapter III, Sec. 3-305, Items 1b and 1d)*

   5,382 square feet (Sketch is attached)

c. Description of well and appurtenant details: *(See Chapter III, Sec. 3-305, Item 1e)*

   Well diameter: 6 inches

   Well depth: approximately 125 feet

   Casing size and depth: 4" Schedule 40 steel pipe, approximately 65 ft. deep
5. The Owner hereby agrees to install, operate, and maintain control of the well in accordance with the laws of the State of Hawaii and the Rules and Regulations of the Honolulu Board of Water Supply and the State Department of Health.

The Owner hereby understands that a fee of One Hundred Dollars ($100.00) and a permittee bond of the amount not greater than Twenty-five Thousand Dollars ($25,000.00), said amount of the bond to be set by the Engineer, are required for the drilling or excavation of each new well. The $100.00 fee per well shall be payable to the Board and shall accompany this application. The amount of the permittee bond shall be stipulated when the well owner is notified that his permit has been granted.

(See Chapter III, Sec. 3-305, Items 2 and 2a)

6. The Owner hereby agrees to the following special conditions for this well:

January 26, 1977
Date Submitted

Signature of Owner

Name of applicant if other than Owner
APPLICATION FOR DRILLING, MODIFYING, RECASING OR REUSING WELLS

INSTRUCTIONS: Please send 1 copy to Honolulu Board of Water Supply, who will distribute to other agencies concerned. In filling out, refer to Rules and Regulations of the Honolulu Board of Water Supply adopted on May 10, 1976 and applicable rules and regulations of the State Department of Health.

OWNER: (See BWS Rules and Regulations Chapter III, Sec. 3-305, Item 1a)

Rizalino M. and Emilia B. Cabitar

ADDRESS: 96-165 Kamehameha Highway

Pearl City, Hawaii 96782

1. APPLICATION FOR WELL: (See Chapter III, Sec. 3-305, Item 1)

   Drill  X  Reuse  
   Modification  
   Change in use  

2. WORK TO BE PERFORMED BY: (See Chapter III, Sec. 3-311)

   Continental Drilling Hawaii, Inc.

   2808 Kaihikapu Street

   Honolulu, Hawaii 96819

WR 900 (Rev. 10-76)
3. USE OF WELL: (See Chapter III, Sec. 3-305, Item 1c)

Furnish water for residential and domestic use.

4. ATTACHMENTS: (Each copy of the application shall have a complete set of attachments)

a. Location of well: 96-165 Kamehameha Highway, Pearl City, HI
   Tax Map Key: 9-6-03: 13 Lot A

b. Land area served: (Attach map showing exact location of well and area served. See Chapter III, Sec. 3-305, Items 1b and 1d)
   5,382 square feet (Sketch is attached)

c. Description of well and appurtenant details:
   (See Chapter III, Sec. 3-305, Item 1e)
   Well diameter: 6 inches
   Well depth: approximately 125 feet
   Casing size and depth: 4" Schedule 40 steel pipe, approximately 65 ft. deep
DESCRIPTION

Date of report: May 10, 1977
Person filing report: Hiroshi Sonobe

A. OWNER: KIZALINO M. CAPATI
NAME: PEARL CITY
ISLAND: OAHU

B. GENERAL LOCATION: LEGAL CITY: T.M. 9-6-03.13, S. 7-6

C. DRILLING COMPANY: CONTINENTAL DRILLING CO. OF HAWAII, INC.

D. TYPE OF RIG: 1500
DRILLING COMPLETED: 3-14-77 DRILLER: M. J. Leasau

E. ELEVATION, msl: Top of drilling platform
Height of drilling platform above ground surface

F. HOLE SIZE: inch dia. to ft. below drilling platform.
inch dia. to ft. below drilling platform.
inch dia. to ft. below drilling platform.

G. CASING INSTALLED: black steel
in L.D. x in. wall solid section to ft. below drilling platform.
in L.D. x in. wall perforated section to ft. below drilling platform.

H. ANNULUS: Grouted ft. to ft. below drilling platform.
Gravel packed to ft. below drilling platform.

I. PERMANENT PUMP INSTALLATION:
- Pump type, make, serial no.
- Motor type, H.P., voltage, r.p.m.
- Depth of pump intake setting ft. below
- Depth of bottom of airline ft. below
- which elevation is ft.

HYDROLOGY

J. INITIAL WATER LEVEL: ft. below drilling platform. Date of measurement.

K. INITIAL CHLORIDE: ppm, total depth of well ft. below drilling platform.

L. PUMPING TESTS:
Reference point (R.P.) used: which elevation is ft.

Date: March 14, 1977
Start water level: 16.5 ft. below R. P.
End water level: ft. below R. P.
Depth of well: ft. below R. P.

<table>
<thead>
<tr>
<th>Elapsed Time (hours)</th>
<th>Rate (gpm)</th>
<th>Draw-down (ft.)</th>
<th>Cl- (ppm)</th>
<th>Temp. (°F)</th>
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M. DRILLER'S LOG:

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<thead>
<tr>
<th>Depth, ft.</th>
<th>Rock Description &amp; Remarks</th>
<th>Water Level</th>
<th>Depth, ft.</th>
<th>Rock Description &amp; Remarks</th>
<th>Water Level</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Boulders, gravel w/firm brown clayey silt</td>
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<td>27</td>
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<td>to</td>
<td>55</td>
<td>river gravel, wood &amp; organic silt</td>
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<td>55</td>
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<td>to</td>
<td>80</td>
<td>gravel w/brown clayey silt</td>
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<td>80</td>
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<td>to</td>
<td>100</td>
<td>Bassaltic rock &amp; decomposed rock</td>
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<td>100</td>
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N. REMARKS:

INSTRUCTIONS: Send three copies to: Manager-Chief Engineer, Division of Water and Land Development, P. O. Box 373, Honolulu, Hawaii 96809.

FOR DRILLER'S USE
Job Name:
Mr. Rizalino M. Cabitac  
96-165 Kam Highway  
Pearl City, Hawaii 96782

Dear Mr. Cabitac:

Pearl Harbor Ground Water Control Area

We acknowledge receipt on November 29, 1979, of your Declaration of Existing Water Withdrawal and Use in the Pearl Harbor Ground Water Control Area. Our staff will review the data and may contact you for a field inspection of your well(s) before certification of your declared water use is made by the Board of Land and Natural Resources.

We appreciate your early filing of the declaration of existing water use.

Very truly yours,

SUSUMU ONO  
Chairman of the Board
We must determine H. A. Seemer's 
Thousand Island record. 
May help Peter's 
Send form thru - acknowledgment.
DECLARATION OF EXISTING WATER WITHDRAWAL AND USE
Pearl Harbor Ground Water Control Area

Instructions: This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources, P.O. Box 373, Honolulu, Hawaii 96809.

1. WATER USER: Name: Rizalino M. Cabitac Mailing address: 96-165 Kam. Hwy., Pearl City, HI 96782
   Phone: 455-5169

2. WATER USER'S [ ] WELL [ ] CONNECTED BATTERY OF WELLS:
   User's Well Name and Location: Rizalino M. Cabitac Pearl City, HI QUAD MAP NO. 09
   User's Well No. (s): 2459-25
   Pump or natural flow capacity (gpm): 30 gpm
   Capacity determined by flowmeter, nameplate, orifice, etc. (specify): January (brand name)
   Year pump inst./modified: 1977

3. BENEFICIAL USE OF WATER:
   (a) Major Use: [ ] Municipal [ ] Agriculture [ ] Military [ ] Industrial [ ] Domestic [ ] Other (specify)
   (b) Minor Uses: (specify)
   (c) For Agriculture Use list crop(s), total acreage irrigated, and attach map showing acreage irrigated by the well source.

4. BENEFICIALLY USED WATER WITHDRAWALS:
   (a) All figures given in (b) are records of: [ ] Metered flow [ ] Nameplate pump capacity [ ] Orifice [ ] Weir [ ] Other (specify)
   (b) Records available (in million gallons per day, three decimal places):

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   (c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week):

5. WELL DESCRIPTION:
On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

Declaration: Under penalties provided in Regulation 9 of the Department of Land and Natural Resources, the undersigned declare and certify that this declaration has been examined, including accompanying statements and to the best of knowledge and belief, it is true, correct, and complete.

Signature: Rizalino M. Cabitac Date: November 15, 1979

Signature: Owner of Well Site Date: 11/15/79

For Official Use:
Last day to certify: 5/27/80
Date Certified: November 15, 1979
Amount certified: 30 gpm
WELL NO.: 2459-25
**DESCRIPTION**

<table>
<thead>
<tr>
<th>Date of report</th>
<th>May 10, 1977</th>
<th>Person filing report</th>
<th>Hiroshi Sonobe</th>
</tr>
</thead>
</table>
A. OWNER | RIZALINO M. CABATIC | PEARL CITY | ISLAND OAHU |
B. GENERAL LOCATION | PEARL CITY | TIME: 7-6-03, 13 | LOT 4 |
C. DRILLING COMPANY | CONTINENTAL DRILLING CO. of Hawaii, Inc. |
D. TYPE OF RIG | 1500 | DRILLING COMPLETED | 3-14-77 | DRILLER M. J. Leasau |

**ELEVATION, msl:** Top of drilling platform
- Height of drilling platform above ground surface: ft. Bench mark and method used to determine
- ft. elevation:

**HOLE SIZE:**
- inch dia. to ft. below drilling platform.
- inch dia. to ft. below drilling platform.
- inch dia. to ft. below drilling platform.

**CASING INSTALLED:**
- black steel in. I.D. x in. wall solid section to ft. below drilling platform.
- in. I.D. x in. wall perforated section to ft. below drilling platform.

**ANNULUS:** Grouted ft. to ft. below drilling platform.
- Gravel packed ft. to ft. below drilling platform.

**PERMANENT PUMP INSTALLATION:**
- Pump type, make, serial no.
- Capacity g.p.m.
- Motor type, H.P., voltage, r.p.m.
- Depth of pump intake setting ft. below which elevation is ft.
- Depth of bottom of airline ft. below which elevation is ft.

**HYDROLOGY**

<table>
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<tr>
<th>Date</th>
<th>March 14, 1977</th>
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<tbody>
<tr>
<td>Start water level</td>
<td>16.5 ft. below R. P.</td>
</tr>
<tr>
<td>End water level</td>
<td>ft. below R. P.</td>
</tr>
<tr>
<td>Depth of well</td>
<td>ft. below R. P.</td>
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</table>

**PUMPING TESTS:**

<table>
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<th>Date</th>
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<tbody>
<tr>
<td>Start water level</td>
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<tr>
<td>Depth of well</td>
<td>ft. below R. P.</td>
</tr>
</tbody>
</table>

**SUBSURFACE FORMATION**

<table>
<thead>
<tr>
<th>Depth, ft.</th>
<th>Water Level</th>
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<tbody>
<tr>
<td>0 to 27</td>
<td>Boulders, gravel w/firm brown claysey silt</td>
</tr>
<tr>
<td>27 to 55</td>
<td>river gravel, wood &amp; black organic silt</td>
</tr>
<tr>
<td>55 to 80</td>
<td>gravel w/brown clayey loam</td>
</tr>
<tr>
<td>80 to 100</td>
<td>Bassaltic rock &amp; decomposed rockto</td>
</tr>
</tbody>
</table>

**N. REMARKS:**

**FOR OFFICIAL USE**

Latitude 21° 24' 01"
Longitude 157° 59' 02"
Well No. 2459-25

**INSTRUCTIONS:** Send three (3) copies to: Manager-Chief Engineer, Division of Water and Land Development, P. O. Box 373, Honolulu, Hawaii 96809.

NOTICE OF INTENT TO DRILL

WELL OR PROJECT NAME: CABITAC PEARL CITY WELL
OWNER OF WELL: MR. RIZALINO M. CABITAC
Mailing Address: 96-165 Kamehameha Highway, Pearl City, Oahu, Hawaii 96782
DRILLING COMPANY: CONTINENTAL DRILLING HAWAII, INC.
Mailing Address: 2808 KahiKapu St, Honolulu, Hawaii 96819
Proposed Construction Date: 2/16/77
Proposed Completion Date: 3/2/77
Proposed Depth: 125 ft.

PROPOSED USE OF WELL:
(a) Domestic: XXXX
(b) Irrigation: 
(c) Industrial (type): 
(d) Cooling (type): 
(e) Waste Disposal (type): 
(f) Soils Invest.: 
(g) Foundation Invest.: 
(h) Others (specify): 

LOCATION OF WELL: (Attach copy of tax map, USGS topographic map, plantation field map, road map, or prepared drawing showing exact location. If not available, prepare a hand-drawn sketch map (not necessarily to scale) in the space below showing sufficient landmarks, distances, and directions for location in the field)

TAX MAP KEY: 9-6-03:13, Lot A

Date Submitted: February 14, 1977
Signature of Owner: __________________________
Title (If Applicable): __________________________

FOR DRILLER'S USE
Job Name: __________________________
Job No.: __________________________

FOR OFFICIAL USE
Latitude: 21° 24' 01"
Longitude: 157° 59' 02"
Well No.: 2159-75

INSTRUCTIONS: Send three (3) copies to: Manager-Chief Engineer, Division of Water and Land Development, P. O. Box 373, Honolulu, HI 96809.