REGISTRATION OF WELL
AND DECLARATION OF WATER USE

INSTRUCTIONS: Please type or print. Information is not available or not applicable, indicate as N/A. Fill out as completely as possible, sign, and file form with the Division of Water Resource Management, P.O. Box 373, Honolulu, Hawaii 96809. Phone 548-3948 or 548-7543 for assistance.

BATTERY OF WELLS: For a battery of wells, on the surface, in a tunnel, or in a shaft, submit a registration form for each well together with a single map or plot plan showing layout of wells.

STATE WELL NO.: 4829-01
WELL NAME OR DESIGNATION: KEALIA POND
ISLAND: MAUI

SOURCE OR STATION NAME (For a battery of wells):

A. WELL OPERATOR
Firm name: MAUI ELECTRIC CO. LTD.
Contact person: ____________
Address: P.O. BOX 399
KANEOHE, MAUI, HAWAII
Zip: 96744 Phone: 871-3461

B. OWNER OF WELL SITE
Firm name: MAUI ELECTRIC CO. LTD.
Contact person: ____________
Address: P.O. BOX 399
KANEOHE, MAUI, HAWAII
Zip: 96744 Phone: 871-3461

C. WELL LOCATION
Tax Map Key: 3-8-0575 Town, Place, District: KIMEI
Attach USGS "Quad" map (scale 1:24,000), tax map, or other map showing the well location.

D. WELL DATA
For Drilled Wells, submit "as-built" drawing, driller's log, and pump test results, and complete items below. For Tunnels and Shafts, submit construction drawings, plot plan, or sketch map.

Ground elevation (mean sea level): 15 2/4 ft.
Reference point (Used to measure depth to water):
Elevation: 15 2/4 ft.
Description: BEACH MARK BANER OF FUEL STORAGE FACILITY
Depth to water (Below reference point): 11 ft.
Maximum recorded chloride: 650 ppm
Minimum recorded chloride: 650 ppm
Maximum chloride in 1987: _______ ppm

E. INSTALLED PUMP DATA
Pump type: Vertical shaft
Power: Diesel, 15 HP
Pump capacity: 35 gallons per minute
Pump installation contractor: ROECO-MESS CO.

For Official Use Only:
Date received: 1/25/89 Date accepted:
LAT. 20° 49' 10"
LO. 156° 29' 49"

(continued over)
F. DECLARATION OF WATER USE

NOTE: The purpose of the Declaration of Water Use is to obtain information necessary for the management of the State's water resources. The Declaration does not confer a legal right to water or its use.

Water use data are recorded: □ Daily □ Weekly □ Monthly □ Other (Describe): ____________________________

Method of measurement: □ Flow Meter □ Orifice □ Other (Describe): ESTIMATED BY PUMP RUNNING TIME

Quantity of Use (Report metered or estimated monthly water use from the well described on the reverse side of this form, for the calendar years 1983 through 1987. For a battery of wells which are not individually metered, but which are connected to a single meter or other measuring device, report total use from the battery):

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<td>December</td>
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<td>ANNUAL</td>
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</table>

Minimum day’s use: 12,600 gallons Maximum day’s use: ___________________ gallons

Typical times of usage: 6:00 A.M. - 9:00 P.M., 5:00 A.M. - 8:00 A.M.

Type of Use (check all category boxes that apply and provide additional information as indicated):

□ Municipal (including resorts, hotels, businesses) Additional Information

□ Domestic (systems serving 25 people or less)

□ Irrigation

Number of service connections: ____________________________

Acres Irrigated: ______________

Crop(s): □ Sugar □ Pineapple

□ Other (specify):

Non-Crop: □ Landscape □ Golf Course

□ Other (specify):

Method: □ Drip □ Furrow □ Sprinkler

□ Industrial

□ Cooling □ Manufacturing □ Mill

□ Other (specify):

□ Military

□ Other

Specify (livestock, aquaculture, etc.): ______________

I declare that the contents of the above Declaration of Water Use are, to the best of my knowledge and belief, true, correct, and complete.

Water User’s Signature: ____________________________ Date: ____________________________

Printed Name: ____________________________

Firm or Title (Well Operator, etc.): ____________________________
**DESCRIPTION**

Date of report: July 18, 1972  
Person filing report: Hiroshi Sonobe

A. **OWNER**  
Maui Electric Co.

B. **NAME**  
Maalaea, Maui

C. **DRILLING COMPANY**  
Continental Drilling Co.

D. **TYPE OF RIG**  
B-40X Mobile, DRILLING COMPLETED May 11, 1972

E. **ELEVATION, ms:**  
Top of drilling platform:  
Bench mark and method used to determine  
Height of drilling platform above ground surface:  

elevation: ____________

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:**  
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.

H. **ANNULUS:**  
Grouted ft. to ft. below drilling platform.

I. **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 drilling platform. which elevation is ft.
- Depth of bottom of airline ft. below drilling platform. 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.  
Sampling Date

<table>
<thead>
<tr>
<th>Date</th>
<th>Start water level</th>
<th>End water level</th>
<th>Depth of well</th>
<th>Rate (gpm)</th>
<th>Draw-down (ft.)</th>
<th>CI (ppm)</th>
<th>Temp. F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ft. below R. P.</td>
<td>ft. below R. P.</td>
<td>ft. below R. P.</td>
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</tbody>
</table>

**SUBSURFACE FORMATION**

M. **DRILLER’S LOG:**

<table>
<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>
<td>0.0 to 2.0</td>
<td>Silts and sand</td>
<td>to</td>
<td>to</td>
<td></td>
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<tr>
<td>2.0 to 7.5</td>
<td></td>
<td></td>
<td>to</td>
<td></td>
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<tr>
<td>7.5 to 15.0</td>
<td>Silty clay</td>
<td>to</td>
<td>to</td>
<td></td>
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</tr>
<tr>
<td>15.0 to 20.0</td>
<td>Sand gravel</td>
<td>to</td>
<td>to</td>
<td></td>
<td></td>
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<tr>
<td>20.0 to 37.0</td>
<td>Red silt</td>
<td>to</td>
<td>to</td>
<td></td>
<td></td>
</tr>
<tr>
<td>37.0 to 39.0</td>
<td>Basalt</td>
<td>to</td>
<td>to</td>
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</tr>
</tbody>
</table>

**N. REMARKS:**

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

NOTICE OF INTENT TO DRILL

WELL NAME: Test borings - 5 holes @ 40' deep

OWNER OF WELL: Maui Electric Company
Mailing Address: Wailuku, Maui

DRILLING COMPANY: Continental Drilling Company
Mailing Address: 2808 Kaimikapu Street, Honolulu, Hawaii 96819

Proposed Construction Date: May 8, 1972
Proposed Completion Date: May 20, 1972

PROPOSED USE OF WELL:
(a) Domestic
(b) Irrigation
(c) Industrial (type)
(d) Cooling (type)
(e) Disposal (type)
(f) Other (specify) Foundation investigation

LOCATION OF WELL: (Attach copy of 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)

Date Submitted: May 4, 1972
Signature of Owner: Ernest M. cell
Title (If Applicable): Sept.

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

FOR OFFICIAL USE: Latitude: 20°48'16"
Longitude: 156°29'49"
Well No.: 4829-01