Date of report: 5/4/78  
Person filing report: Les Carlson

A. OWNER: Yoshio Shiraki  
NAME: Aliomanu  
ISLAND: Kauai

B. GENERAL LOCATION: TMK 4-9-4-1

C. DRILLING COMPANY: Continental Drilling Hawaii, Inc.

D. TYPE OF RIG: B-61 Mobile  
DRILLING COMPLETED: 4-1978  
DRILLER: John Kosakawaki

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

F. HOLE SIZE: 5 7/8 inch dia. to 80.0 ft. below drilling platform.
6 7/8 inch dia. to 70.0 ft. below drilling platform.

G. CASING INSTALLED: 4 in. I.D. x 1/4 in. wall solid section to 28.5 ft. below drilling platform.
4 in. I.D. x 1/4 in. wall perforated section to 78.5 ft. below drilling platform.
Type of perforation: 32 - 3/8" Holes per ft.

H. ANNULUS: Grouted to 0 ft. to 7.0 ft. below drilling platform.
Gravel packed 7.0 ft. to 30.0 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 which elevation is: ft.
- Depth of bottom of airline: ft. below which elevation is: ft.

J. INITIAL WATER LEVEL: 12.2 ft. below drilling platform, Date of measurement: 4-27-78

K. INITIAL CHLORIDE: ppm, total depth of well: 80.0 ft. below drilling platform

L. PUMPING TESTS:
- Date: 4-26-78  
- Start water level: 12.2 ft. below R. P.  
- End water level: 7.0 ft. below R. P.  
- Depth of well: 30.0 ft. below R. P.
- Reference point (R.P.) used:  
- which elevation is: ft.

M. DRILLER'S LOG:
- Depth, ft. to 20.0:  
- Rock Description & Remarks: Stiff Reddish  
- Water Level: 10.3
- Depth, ft. to 28.0:  
- Rock Description & Remarks: Brown-Decomposed rock
- Water Level: 10.3
- Depth, ft. to 40.0:  
- Rock Description & Remarks: Hard gray rock
- Water Level: 10.3
- Depth, ft. to 68.0:  
- Rock Description & Remarks: Very hard basalt
- Water Level: 10.2

N. REMARKS:  

INSTRUCTIONS: Send three(3) copies to: Manager-Chief Engineer, Division of Water and Land Development, P. O. Box 373, Honolulu, Hawaii 96815.

NOTICE OF INTENT TO DRILL

WELL NAME: Aliomanu Area well

OWNER OF WELL: Yoshio Shiraki
Mailing Address: P.O. Box 6, Anahola, Kauai, Hawaii

DRILLING COMPANY: Continental Drilling Hawaii, Inc.
Mailing Address: 2808 Kalikapu Street, Honolulu, Hawaii 96819

Proposed Construction Date: 4-10-78
Proposed Completion Date: 4-21-78

PROPOSED USE OF WELL:
(a) Domestic: X
(b) Irrigation
(c) Industrial
(d) Cooling
(e) Disposal
(f) Other

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)

Tax Map Key: 4-9-A:1

Date Submitted: April 5, 1978
Signature of Owner:
Title (If Applicable):

FOR DRILLER’S USE

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: 22° 09.50'
Longitude: 157° 18.46'
Well No.: 09.18-01
Form 8810-1

STATE OF HAWAII
COMMISSION ON WATER RESOURCE MANAGEMENT
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER RESOURCE MANAGEMENT

REGISTRATION OF WELL
AND
DECLARATION OF WATER USE

INSTRUCTIONS: Please type or print. If information is not available or not applicable, indicate as N/A. Fill out as completely as possible, sign, and file the 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.: 0918-01
WELL NAME OR DESIGNATION: MieMeli
ISLAND: Kauai

A. WELL OPERATOR
Firm name: Y. Ohiraki
Contact person: 
Address: P.O. Box 16
Aliwela, Kauai, Hawaii
Zip: 96743 Phone: 821-9411

B. OWNER OF WELL SITE
Firm name: 
Contact person: 
Address: 
Zip: Phone: 

C. WELL LOCATION
Tax Map Key: 4-9-64-075 Town, Place, District: Kauai
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): 35 ft.
Reference point (Used to measure depth to water): 
Elevation: ft.
Description: 
Depth to water (below reference point): ft.
Maximum recorded chloride: ppm
Minimum recorded chloride: ppm
Maximum chloride in 1987: ppm

Year drilled or constructed: 1978
Well contractor: Continental Inc.
Casing diameter: 4 in.
Solid casing depth (below ground): 60 ft.
Perforated casing depth (below ground): 60 ft.
Total depth of well: 70 ft.

E. INSTALLED PUMP DATA
Pump type: [ ] Vertical shaft [ ] Submersible [ ] Centrifugal [ ] Other (specify): 
Power: [ ] Diesel, ___ HP [ ] Gas, ___ HP [ ] Electric, ___ HP [ ] Other (specify): 
Pump capacity: ___ gallons per minute
Pump installation contractor: Kapaa Electric Inc.

(continued over)

For Official Use Only:
Date received: 7-4-89 Date accepted: 
Field checked by: _______ Date: ___ Latitude: 22° 01' 30" Hydrologic Unit: 
Comments: 

(continued over)

References: Hawaii Revised Statutes, Chapter 174C.
Hawaii Administrative Rules, Chapters 13-167 to 13-171.
**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

Method of measurement:  □ Flow Meter □ Orifice

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):

### WATER USE, IN GALLONS x 1000

<table>
<thead>
<tr>
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<tr>
<td>ANNUAL</td>
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</table>

Minimum day's use: ___ gallons  Maximum day's use: ___ gallons

Typical times of usage: __________________________

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

- □ Municipal (including resorts, hotels, businesses)
- □ Domestic (systems serving 25 people or less)
- □ Irrigation
- □ Industrial
- □ Military
- □ Other

Additional Information

- Number of service connections: __________
- Acres Irrigated: __________
- Crop(s): □ Sugar □ Pineapple □ Other (specify): __________
- Non-Crop: □ Landscape □ Golf Course □ Other (specify): __________
- Method: □ Drip □ Furrow □ Sprinkler □ Cooling □ Manufacturing □ Mill □ Other (specify): __________
- 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: 2-9-89

Printed Name: __________

Firm or Title (Well Operator, etc.): __________
State of Hawaii
DEPARTMENT OF LAND & NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT
DRILLER'S REPORT

DESCRIPTION

Date of report: 5/4/78
Person filing report: Les Carlson

A. OWNER: YOSHIO SHIRAKI  NAME: ALIOMANU  ISLAND: KAUAI
B. GENERAL LOCATION: THE 4-9-41
C. DRILLING COMPANY: CONTINENTAL DRILLING HAWAII, INC.
D. TYPE OF RIG: B-61 MOBILE  DRILLING COMPLETED: 4/19/78  DRILLER: JOHN KOSAKAWAKI

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

F. HOLE SIZE: 5 7/8 inch dia. to 80.0 ft. below drilling platform.

G. CASING INSTALLED: 4 in. I.D. x 1/4 in. wall solid section to 28.5 ft. below drilling platform.

H. ANNULUS: Grouted 9.0 ft. to 7.0 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.
- Depth of bottom of airline ft. below drilling platform.

HYDROLOGY

J. INITIAL WATER LEVEL: 12/2 ft. below drilling platform. Date of measurement: 4/27/78
K. INITIAL CHLORIDE: ppm, total depth of well 80.0 ft. below drilling platform

L. PUMPING TESTS:

<table>
<thead>
<tr>
<th>Start water level</th>
<th>End water level</th>
<th>Elapsed Time (hours)</th>
<th>Rate (gpm)</th>
<th>Draw-down (ft.)</th>
<th>Cl- (ppm)</th>
<th>Temp. °F</th>
</tr>
</thead>
<tbody>
<tr>
<td>ft. below R. P.</td>
<td>ft. below R. P.</td>
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<tr>
<td>No TEST</td>
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<td></td>
</tr>
</tbody>
</table>

SUBSURFACE FORMATION

<table>
<thead>
<tr>
<th>Rock Description &amp; Remarks</th>
<th>Water Level ft.</th>
<th>Depth, ft.</th>
<th>Rock Description &amp; Remarks</th>
<th>Water Level ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stiff Reddish</td>
<td>10.3</td>
<td>to 20.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brown-Decomposed rock</td>
<td>10.3</td>
<td>to 20.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stiff gray Decomposed</td>
<td>10.3</td>
<td>to 28.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock</td>
<td>10.3</td>
<td>to 28.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hard gray rock</td>
<td>10.3</td>
<td>to 28.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hard gray Dec. Rock</td>
<td>10.2</td>
<td>to 28.0</td>
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<td></td>
</tr>
<tr>
<td>Very hard basalt</td>
<td>10.2</td>
<td>to 28.0</td>
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<tr>
<td>Neu-Clay</td>
<td>10.3</td>
<td>to 28.0</td>
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<tr>
<td>L. A.</td>
<td>10.3</td>
<td>to 28.0</td>
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<tr>
<td>limestone</td>
<td>10.3</td>
<td>to 28.0</td>
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<tr>
<td>L. A.</td>
<td>10.3</td>
<td>to 28.0</td>
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</tbody>
</table>

N. REMARKS:

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

INSTRUCTIONS: Send three(3) copies to: Manager-Chief Engineer, Division of Water and Land Development, P. O. Box 321, Honolulu, Hawaii 96819.

FOR OFFICIAL USE
Latitude: 22.09.5C
Longitude: 157.18.41
Well No.: 0918-0