**State of Hawaii**
**DEPARTMENT OF LAND & NATURAL RESOURCES**
**DIVISION OF WATER AND LAND DEVELOPMENT**

**DRILLER’S REPORT**

**RECEIVED**

**DESCRIPTION**

Date of report: July 29, 1987  
Person filing report: Loran H. Purnells

A. OWNER: Westin Kauai Hotel  
WELL NAME: Well #2  
ISLAND: Kauai

B. GENERAL LOCATION: Westin Kauai Hotel

C. DRILLING COMPANY: Roscoe Moss Company

D. TYPE OF RIG: 2BL

E. ELEVATION, msl: Top of drilling platform: 125 ft.  
Height of drilling platform above ground surface:  
ft. elevation:

F. HOLE SIZE:  
16 in. dia. to 185 ft. below drilling platform.  
12 in. dia. to 375 ft. below drilling platform.  
6 in. dia. to 1000 ft. below drilling platform.

G. CASING INSTALLED:  
12 in. I.D. x 312 in. wall solid section to 125 ft. below drilling platform.  
12 in. I.D. x 312 in. wall perforated section to 180 ft. below drilling platform.  
Type of perforation: Screen

H. ANNULUS: Grouted 0 ft. to 40 ft. below drilling platform.

Drill packed to 40 ft. below drilling platform.

**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:

<table>
<thead>
<tr>
<th>Date</th>
<th>Start water level</th>
<th>End water level</th>
<th>Depth of well</th>
<th>Elapsed Time (hours)</th>
<th>Rate (gpm)</th>
<th>Draw-down (ft.)</th>
<th>CI (ppm)</th>
<th>Temp. (°F)</th>
<th>Elapsed Time (hours)</th>
<th>Rate (gpm)</th>
<th>Draw-down (ft.)</th>
<th>CI (ppm)</th>
<th>Temp. (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/20/87</td>
<td></td>
<td></td>
<td>345 ft. below R.P.</td>
<td>8:00 to 12:00</td>
<td>100</td>
<td>9.24</td>
<td></td>
<td></td>
<td>12:00 to 10:00</td>
<td>400</td>
<td>18.58</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9:00 to 15:00</td>
<td>150</td>
<td>16.17</td>
<td></td>
<td></td>
<td>10:00 to 12:00</td>
<td>500</td>
<td>28.30</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10:00 to 12:00</td>
<td>200</td>
<td>28.88</td>
<td></td>
<td></td>
<td>12:00 to 10:00</td>
<td>500</td>
<td>28.30</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11:00 to 12:00</td>
<td>250</td>
<td>43.99</td>
<td></td>
<td></td>
<td>4:00 to 10:00</td>
<td>500</td>
<td>30.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSURFACE FORMATION**

M. DRILLER’S LOG:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 50</td>
<td>Soft red clay</td>
<td></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td>50 to 175</td>
<td>Soft w/ hard streaks</td>
<td></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td>175 to 300</td>
<td>Med hard w/ soft streak</td>
<td></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td>300 to 325</td>
<td>Gravel</td>
<td></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td>325 to 329</td>
<td>Cinders</td>
<td></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td>329 to 345</td>
<td>Med hard rock</td>
<td></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td>345 to 347</td>
<td>Firm grey rock</td>
<td></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td>347 to 350</td>
<td>Mud rock</td>
<td></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td>350 to 365</td>
<td>Hard blue rock</td>
<td></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td>365 to 375</td>
<td>Soft rock</td>
<td></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td>to</td>
<td></td>
<td></td>
<td>to</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FOR OFFICIAL USE**

Latitude 21° 58' 28"  
Longitude 159° 21' 03"

**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 373, Honolulu, Hawaii 96809.

Manabu Tagomori  
Manager Chief Engineer  
Dept. of Water and Land Development  
P. O. Box 373  
Honolulu, HI 96809  

Dear Sir:  

Pumpage at the Westin Kauai Phase III wells for the month of December is as follows:

<table>
<thead>
<tr>
<th>HD&amp;CC WELL #</th>
<th>WELL I.D. #</th>
<th>QUANTITY IN MILLION GALLONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5821-03</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>5821-04</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>5820-01</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>5821-05</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>5821-06</td>
<td>0</td>
</tr>
</tbody>
</table>

Please feel free to contact us if you have any questions on the above.

Very Truly Yours,

Mike French  
Project Manager

KMF/js  

COPY  

A Dillingham Company  
Box 4088 Honolulu HI 96812-4088  
Cable BARDREDGE Telex ITT (743)1880  
Telephone (808) 735-3211
Date: **October 30, 1987**

Manabu Tagomori  
Manager Chief Engineer  
Dept. of Water and Land Development  
P. O. Box 373  
Honolulu, HI  96809

Dear Sir:

Pumpage at the Westin Kauai Phase III wells for the month of **October** is as follows:

<table>
<thead>
<tr>
<th>HD&amp;CC WELL #</th>
<th>WELL I.D. #</th>
<th>QUANTITY IN MILLION GALLONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5821-03</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>5821-04</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>5820-01</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>5821-05</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>5821-06</td>
<td></td>
</tr>
</tbody>
</table>

Please feel free to contact us if you have any questions on the above.

Very Truly Yours,

M. French  
Project Manager

KMF/js
Date: October 2, 1987

Manabu Tagomori  
Manager Chief Engineer  
Dept. of Water and Land Development  
P.O. Box 373  
Honolulu, HI 96809

Dear Sir:

Pumpage at the Westin Kauai Phase III wells for the month of September 1987 is as follows:

<table>
<thead>
<tr>
<th>HD&amp;CC WELL #</th>
<th>WELL I.D. #</th>
<th>QUANTITY IN MILLION GALLONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5821-03</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>5821-04</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>5820-01</td>
<td>2.8</td>
</tr>
<tr>
<td>4</td>
<td>5821-05</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>5821-06</td>
<td>0</td>
</tr>
</tbody>
</table>

Please feel free to contact us if you have any questions on the above.

Very Truly Yours,

Mike French  
Project Manager

KMF/vao  
cc: Rick Duggan
Date: October 2, 1987

Manabu Tagomori
Manager Chief Engineer
Dept. of Water and Land Development
P.O. Box 373
Honolulu, HI 96809

Dear Sir:

Pumpage at the Westin Kauai Phase III wells for the month of August 1987 is as follows:

<table>
<thead>
<tr>
<th>HD&amp;CC WELL #</th>
<th>WELL I.D. #</th>
<th>QUANTITY IN MILLION GALLONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5821-03</td>
<td>4.6</td>
</tr>
<tr>
<td>2</td>
<td>5821-04</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>5820-01</td>
<td>6.0</td>
</tr>
<tr>
<td>4</td>
<td>5821-05</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>5821-06</td>
<td>0</td>
</tr>
</tbody>
</table>

Please feel free to contact us if you have any questions on the above.

Very Truly Yours,

Mike French
Project Manager

KMF/vao

cc: Rick Duggan
August 19, 1987

Hawaiian Dredging & Construction Company
The Westin Kauai
Box 4088
Honolulu, Hawaii 96812-4088

Attention: Mr. Mike French, Project Manager

Gentlemen:

Thank you for sending the July 1987 pumpage data for the HD&CC wells at the Westin Kauai Phase III. We appreciate your cooperation.

Sincerely,

MANABU TAGOMORI
Manager-Chief Engineer

ES:ko
Date: **AUG 1, 1987**

Manabu Tagomori  
Manager Chief Engineer  
Dept. of Water and Land Development  
P. O. Box 373  
Honolulu, HI 96809

Dear Sir:  

Pumpage at the Westin Kauai Phase III wells for the month of **JULY** is as follows:

<table>
<thead>
<tr>
<th>HD&amp;CC WELL #</th>
<th>WELL I.D. #</th>
<th>QUANTITY IN MILLION GALLONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5821-03</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>5821-04</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>5820-01</td>
<td>15.6</td>
</tr>
<tr>
<td>4</td>
<td>5821-05</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>5821-06</td>
<td>0</td>
</tr>
</tbody>
</table>

Please feel free to contact us if you have any questions on the above.

Very Truly Yours,

Mike French  
Project Manager

KMF/js  
08-03-05
Manabu Tagomori
Manager Chief Engineer
Dept. of Water and Land Development
P. O. Box 373
Honolulu, HI 96809

Dear Sir:

Pumpage at the Westin Kauai Phase III wells for the month of July is as follows:

<table>
<thead>
<tr>
<th>HD&amp;CC WELL #</th>
<th>WELL I.D. #</th>
<th>QUANTITY IN MILLION GALLONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5821-03</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>5821-04</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>5820-01</td>
<td>15.6</td>
</tr>
<tr>
<td>4</td>
<td>5821-05</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>5821-06</td>
<td>0</td>
</tr>
</tbody>
</table>

Please feel free to contact us if you have any questions on the above.

Very Truly Yours,

Mike French
Project Manager

KMF/js
08-03-05
October 10, 2003

Mr. Clyde Murashige
President and COO
Kauai Lagoons Resort Company, Ltd.
3351 Hoolaulea Way
Lihue, HI 96766

Dear Mr. Murashige:

Change of Ownership and Registration for Wells 5820-01, 5821-03, 5823-04, 5821-05 and 5821-06

This is in response to your letter dated September 25, 2003, informing us of a transfer of ownership and registration of well operations from Kauai Lagoons Resort Co., Ltd. to Kauai Golf LLC for wells listed above. We have received at least ten years of well pumpage records from Kauai Lagoons, but have not been able to locate documentation officially transferring the well registration and well operator files from Westin Hotels to Kauai Lagoons Resort Co., Ltd.

Please send us documentation that confirms the original transfer and provide us with a contact name and address to direct our correspondence to the new owners.

Thank you for your assistance in this matter.

Sincerely,

[Signature]
ERNEST Y. W. LAU
Deputy Director

SKS:fc
State of Hawaii
DEPARTMENT OF LAND & NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT
DRILLER'S REPORT

DESCRIPTION

Date of report: July 29, 1987  Person filing report: Loran H. Fujiwara

A. OWNER: Westin Kauai
WELL NAME: Well #2
ISLAND: Kauai

B. GENERAL LOCATION: Westin Kauai Hotel

C. DRILLING COMPANY: Roscoe Moss Company

D. TYPE OF RIG: 28L

E. ELEVATION, msl: Top of drilling platform 125 ft. Bench mark and method used to determine height of drilling platform above ground surface 10 ft. elevation:

F. HOLE SIZE: 16 inch dia. to 185 ft. below drilling platform.
12 inch dia. to 375 ft. below drilling platform.

G. CASING INSTALLED: 12 in. I.D. x .312 in. wall solid section to 125 ft. below drilling platform, 12 in. I.D. x .312 in. wall perforated section to 180 ft. below drilling platform.

H. ANNULUS: Grouted 0 ft. to 40 ft. below drilling platform.
Gravel packed 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 which elevation is ft.
- 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 Sampling Date.

L. PUMPING TESTS: Reference point (R.P.) used:
Date 6/20/87

Start water level ft. below R. P. Start water level +11 ft. below R. P.
End water level ft. below R. P. End water level ft. below R. P.
Depth of well 345 ft. below R. P. Depth of well 375 ft. below R. P.

Elapsed Time (hours) Rate Draw-down (ft.) CI Temp. °F
8:00 to 10:00 100 9.24 to 12:00 12:00 to 10:00 400 18.58
9:00 to 150 16.17 10:00 to 12:00 500 28.30
10:00 to 200 28.88 12:00 to 4:00 500 28.30
11:00 to 250 43.99 4:00 to 10:00 500 30.00

ELAPSED TIME (hours) Rate Draw-down (ft.) CI Temp. °F

SUBSURFACE FORMATION

M. DRILLER'S LOG:

Depth, ft. Rock Description & Remarks Water Level Depth, ft. Rock Description & Remarks Water Level
0 to 50 Soft red clay to
50 to 175 Soft w/ hard streaks to
175 to 300 Med hard w/ soft streak to
300 to 325 Gravel to
325 to 329 Cinders to
329 to 345 Med hard rock to
345 to 347 Firm grey rock to
347 to 350 Mud rock to
350 to 365 Hard blue rock to
365 to 375 Soft rock to

N. REMARKS:

FOR DRILLER'S USE

FOR OFFICIAL USE

Latitude 21° 58' 28"
Longitude 159° 21' 03"
Well No. 5821-004
ELEVATION (FT. MSL)

WELL NO. 2

ELEV 137.5

12" SOLID CASING (125")

CASED DEPTH 185'

12" SCREEN (60')

TOTAL DEPTH (375')

WELL NO. 3

ELEV 137.5

12" SOLID CASING (105")

CASED DEPTH 185'

12" SCREEN (80')

CLEAR DEPTH TOTAL (305') DRILLED DEPTH (315')

11" OPEN HOLE (130')

11" OPEN HOLE (130')

DRILLED TO 315' DEPTH; CAVED BACK TO 305'

FINAL DIMENSIONS IRRIGATION WELL NO. 2 & 3

BELT COLINS & ASSOC
JUNE 30, 1987
TO: Hemmeter Development Co.
2255 Kuhio Avenue, 21st floor
Honolulu, Hawaii 96815

In accordance with Chapter 166 of Title 13, "Rules for the Control of Ground Water Use in the State of Hawaii", your application to drill a golf course irrigation and lake evaporation loss replacement well, State Well No. 5821-06, is approved subject to the following conditions:

1. A Driller's Well Completion Report (enclosed) shall be submitted to the Division of Water and Land Development, P.O. Box 373, Honolulu, Hawaii 96809, within 60 days after completion of the well.

2. Monthly reports of pumpage shall be submitted after the well is put into production.

3. An "as-built" drawing of the well and a map showing the exact location of the well shall be submitted upon completion of the well.

4. The applicant shall comply with all applicable laws, rules, and ordinances.

APR 16 1937
Date of Issuance

Enc. (Driller's Report Form)
cc: USGS
Dept. of Health,
Drinking Water Program
Kauai Dept. of Water

WILLIAM W. PATY
Chairperson of the Board
APPLICATION FOR (check one)

☒ WELL DRILLING PERMIT ☐ WELL MODIFICATION PERMIT

Instructions: Send completed application and attachments to Department of Land and Natural Resources, P. O. Box 373, Honolulu, Hawaii 96809.

Reference: Regulation 9, Dept. of Land & Natural Resources.

Is the well located in a Designated Ground Water Control Area?  ☒ Yes  ☐ No

If "yes", application must be accompanied by a Water Use and/or Water Supply Permit and a non-refundable filing fee of $100 payable to the Department of Land & Natural Resources. However, if application is for minor modification of well, filing fee may be waived. If "no", no filing fee is required. Filing fee is waived for federal, state, and county government agencies.

1. WELL LOCATION: Island Kauai Tax Map Key . Attach a plot plan showing well location referenced to established property boundaries.

2. WATER USER  HEMETTER DEVELOPMENT CO. Telephone 922-5522

Address 2255 Kuhio Ave 21st Floor Honolulu Zip Code 96815

3. PROPOSED DRILLING COMPANY:  ROSCOE MOSS COMPANY

4. PROPOSED WORK: ☒ Drill new well ☐ Deepen ☐ Redrill ☐ Alter ☐ Seal ☐ Abandon ☐ Install new pump ☐ Replace pump ☐ Modify pump

Fill in the diagram and briefly describe the proposed work (use back of form if necessary):

Drill 12" dia. well to casing depth install casing. Drill required open hole below casing. Install test pump and develop and test the well.

PROPOSED SECTION OF WELL

Elevation at top of casing 127 ft., msl.

Ground Elev. 125 ft., msl

Solid casing

Material steel

Length 127 ft.

Diameter 8 in.

Wall thickness .250 in.

Casing: ☐ Perforated ☐ Screen

Material Steel

Length 60 ft.

Diameter 8 in.

Wall thickness 250 in.

Openings 29 sq. in./L.F.

Cement Grount

40 ft.

Hole Dia. 12 in.

Total Depth 210 ft.

Rock Packing 0 ft.

Open Hole:

Length 25 ft.

Diameter 8 in.

*Approximate elev. at filing. Final elev. (msl) by a surveyor licensed by the State must be submitted at start of construction.

5. PROPOSED USE: ☒ Municipal ☐ Military ☐ Agriculture ☒ Industrial ☐ Domestic ☐ Disposal ☐ Other (specify)

6. PROPOSED AMOUNT OF WITHDRAWAL: Check most appropriate box and fill in amount.

☒ Daily ____ gallons ☐ Monthly ____ gallons ☐ Yearly ____ M. gallons

7. PROPOSED PUMP OR FLOW CAPACITY: 120 GPM gallons per minute

Signature: By: ________________

Hemmeter Development Co.

Water User

Date: 2/11/87

CE: The Lihue Plantation Company, Limited

Signature: By: ________________

Landowner of Well Site

Date: ________________

For Official Use:

State Well No. 5821-06 (4)

DLNR Permit No. ________________

DLNR Application No. ________________
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
P. O. BOX 621
HONOLULU, HAWAII 96809

WELL DRILLING PERMIT
for
Kauai Lagoons Well No. 4
State Well No. 5821-05
Nawiliwili, Kauai

TO: Hemmeter Development Co.
2255 Kuhio Avenue, 21st floor
Honolulu, Hawaii 96815

In accordance with Chapter 166 of Title 13, "Rules for the Control of Ground Water Use in the State of Hawaii", your application to drill a golf course irrigation and lake evaporation loss replacement well, State Well No. 5821-05, is approved subject to the following conditions:

1. A Driller's Well Completion Report (enclosed) shall be submitted to the Division of Water and Land Development, P.O. Box 373, Honolulu, Hawaii 96809, within 60 days after completion of the well.

2. Monthly reports of pumpage shall be submitted after the well is put into production.

3. An "as-built" drawing of the well and a map showing the exact location of the well shall be submitted upon completion of the well.

4. The applicant shall comply with all applicable laws, rules, and ordinances.

APR 16 1987

Date of Issuance

Enc. (Driller's Report Form)

cc: USGS
Dept. of Health,
Drinking Water Program
Kauai Dept. of Water

WILLIAM W. PATY
Chairperson of the Board
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
APPLICATION FOR (check one)  
☐WELL DRILLING PERMIT  ☐WELL MODIFICATION PERMIT  

Instructions: Send completed application and attachments to Department of Land and Natural Resources, P.O. Box 373, Honolulu, Hawaii 96809.  
Reference: Regulation 9, Dept. of Land & Natural Resources.  

Is the well located in a Designated Ground Water Control Area?  _____Yes  ☐No  
If "yes", application must be accompanied by a Water Use and/or Water Supply Permit and a non-refundable filing fee of $100 payable to the Department of Land & Natural Resources. However, if application is for minor modification of well, filing fee may be waived. If "no", no filing fee is required. Filing fee is waived for federal, state, and county government agencies.

1. WELL LOCATION: Island Kauai  
   Tax Map Key  
   Attach a plot plan showing well location referenced to established property boundaries.

2. WATER USER  
   Address 2255 Kuhio Ave 21st Floor Honolulu  
   Telephone 922-5522  
   Zip Code 96815

3. PROPOSED DRILLING COMPANY:  
   ROSCOE MOSS COMPANY

4. PROPOSED WORK:  
   ☐Drill new well  ☐Deepen  ☐Redrill  ☐Alter  ☐Seal  
   ☐Abandon  ☐Install new pump  ☐Replace pump  ☐Modify pump

Fill in the diagram and briefly describe the proposed work (use back of form if necessary):

Drill 12" dia. well to casing depth install casing. Drill required open hole below casing. Install test pump and develop and test the well.

<table>
<thead>
<tr>
<th>PROPOSED SECTION OF WELL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevation at top of casing</td>
</tr>
<tr>
<td>127 ft., msl*</td>
</tr>
<tr>
<td>Ground Elev. 125 ft., msl*</td>
</tr>
<tr>
<td>Cement Grout</td>
</tr>
<tr>
<td>Hole Dia.</td>
</tr>
<tr>
<td>Total Depth</td>
</tr>
<tr>
<td>Rock Packing</td>
</tr>
</tbody>
</table>

*Approximate elev. at filing. Final elev. (msl) by a surveyor licensed by the State must be submitted at start of construction.

5. PROPOSED USE:  
   ☐Municipal  ☐Military  ☐Agriculture  ☐Industrial  
   ☐Domestic  ☐Disposal  ☐Other (specify)  

6. PROPOSED AMOUNT OF WITHDRAWAL: Check most appropriate box and fill in amount.  
   ☐Daily ___ gallons  ☐Monthly ___ gallons  ☐Yearly ___ gallons

7. PROPOSED PUMP OR FLOW CAPACITY:  
   ___ gpm  
   Hemmeter Development Co.

Signature:  
Date: __/__/1987

8. For Official Use:  
   State Well No. 5821-05 (#4)  
   DLNR Permit No.  
   DLNR Application No.  

9. Landowner of Well Site  
   Date: 

10. Official Use:  
    The Lihue Plantation Company, Limited  
    Date: 

11. Approved by Firm:  
    By: 

12. Water User  
    Signature:  
    Date: 

13. Water User  
    Signature:  
    Date: 

14. Water User  
    Signature:  
    Date:
TO: Hemmeter Development Co.
2255 Kuhio Avenue, 21st floor
Honolulu, Hawaii 96815

In accordance with Chapter 166 of Title 13, "Rules for the Control of Ground Water Use in the State of Hawaii", your application to drill a golf course irrigation well, State Well No. 5821-04, is approved subject to the following conditions:

1. A Driller's Well Completion Report (enclosed) shall be submitted to the Division of Water and Land Development, P.O. Box 373, Honolulu, Hawaii 96809, within 60 days after completion of the well.

2. Monthly reports of pumping shall be submitted after the well is put into production.

3. An "as-built" drawing of the well and a map showing the exact location of the well shall be submitted upon completion of the well.

4. The applicant shall comply with all applicable laws, rules, and ordinances.

APR 16 1987

Date of Issuance

Enc. (Driller's Report Form)
cc: USGS
Dept. of Health,
Drinking Water Program
Kauai Dept. of Water
APPLICATION FOR (check one)
☑ WELL DRILLING PERMIT
☐ WELL MODIFICATION PERMIT

Instructions: Send completed application and attachments to Department of Land and Natural Resources, P.O. Box 373, Honolulu, Hawaii 96809.
Reference: Regulation 9, Dept. of Land & Natural Resources.

Is the well located in a Designated Ground Water Control Area?  Yes ☒ No
If "yes", application must be accompanied by a Water Use and/or Water Supply Permit and a non-refundable filing fee of $100 payable to the Department of Land & Natural Resources. However, if application is for minor modification of well, filing fee may be waived. If "no", no filing fee is required. Filing fee is waived for federal, state, and county government agencies.

1. WELL LOCATION: Island Kauai Tax Map Key __________. Attach a plot plan showing well location referenced to established property boundaries.
2. WATER USER __________ Telephone __________ Address __________ Zip Code __________
3. PROPOSED DRILLING COMPANY: __________
4. PROPOSED WORK: ☑ Drill new well  ☐ Deepen  ☐ Redrill  ☐ Alter  ☐ Seal
☐ Install new pump  ☐ Replace pump  ☐ Modify pump
Fill in the diagram and briefly describe the proposed work (use back of form if necessary):

Drill 16" dia. well to casing depth, install 12" dia. casing. Drill required open hole below casing. Install test pump to develop and test the well.

PROPOSED SECTION OF WELL

Ground Elev. 125 ft. msl
Cement Grout 40 ft.
Hole Dia. 16 in.
Total Depth 210 ft.
Rock Packing 0 ft.

*Approximate elev. at filing. Final elev. (msl) by a surveyor licensed by the State must be submitted at start of construction.

5. PROPOSED USE: ☑ Municipal  ☐ Military ☐ Agriculture ☐ Industrial
 ☐ Domestic ☐ Disposal ☐ Other (specify)  Golf Course
6. PROPOSED AMOUNT OF WITHDRAWAL: Check most appropriate box and fill in amount.
☐ Daily gallons ☐ Monthly gallons ☐ Yearly 365 gallons
7. PROPOSED PUMP OR FLOW CAPACITY: __________ gallons per minute

Signature: ___________________________ Date: __________

Water User

For Official Use:
State Well No. __________
DLNR Permit No. ___________________________
DLNR Application No. ___________________________
TO: Hemmeter Development Co.  
2255 Kuhio Avenue, 21st floor  
Honolulu, Hawaii 96815

In accordance with Chapter 166 of Title 13, "Rules for the Control of Ground Water Use in the State of Hawaii", your application to drill a golf course irrigation well, State Well No. 5821-03, is approved subject to the following conditions:

1. A Driller's Well Completion Report (enclosed) shall be submitted to the Division of Water and Land Development, P.O. Box 373, Honolulu, Hawaii 96809, within 60 days after completion of the well.

2. Monthly reports of pumpage shall be submitted after the well is put into production.

3. An "as-built" drawing of the well and a map showing the exact location of the well shall be submitted upon completion of the well.

4. The applicant shall comply with all applicable laws, rules, and ordinances.

Date of Issuance

Enc. (Driller's Report Form) 
cc: USGS  
Dept. of Health,  
Drinking Water Program  
Kauai Dept. of Water

WILLIAM W. PATY
Chairperson of the Board

ADD 1 R 1987
APPLICATION FOR (check one)

☒ WELL DRILLING PERMIT ☐ WELL MODIFICATION PERMIT

Instructions: Send completed application and attachments to Department of Land and Natural Resources, P.O. Box 373, Honolulu, Hawaii 96809.

Reference: Regulation 9, Dept. of Land & Natural Resources.

Is the well located in a Designated Ground Water Control Area?  ☒ Yes ☐ No

If "yes", application must be accompanied by a Water Use and/or Water Supply Permit and a non-refundable filing fee of $100 payable to the Department of Land & Natural Resources. However, if application is for minor modification of well, filing fee may be waived. If "no", no filing fee is required. Filing fee is waived for federal, state, and county government agencies.

1. WELL LOCATION: Island Kauai Tax Map Key . Attach a plot plan showing well location referenced to established property boundaries.

2. WATER USER ☒ HEMETER DEVELOPMENT CO. Telephone 922-5522
   Address 2255 Kuhio Ave. 21st Floor Honolulu, HI Zip Code 96815

3. PROPOSED DRILLING COMPANY: ROSCOE MOSS COMPANY

4. PROPOSED WORK: ☒ Drill new well ☐ Deepen ☐ Redrill ☐ Alter ☐ Seal
   ☐ Abandon ☐ Install new pump ☐ Replace pump ☐ Modify pump

Fill in the diagram and briefly describe the proposed work (use back of form if necessary):

Drill 16" dia. well to casing depth install 12" dia. casing. Drill required open hole below casing. Install test pump to develop and test the well.

5. PROPOSED USE: ☐ Municipal ☒ Agricultural ☐ Industrial
   ☐ Domestic ☐ Other (specify) Golf Course

6. PROPOSED AMOUNT OF WITHDRAWAL: Check most appropriate box and fill in amount.
   ☐ Daily ☐ Monthly ☐ Yearly ☒ 850 gallons per minute

7. PROPOSED PUMP OR FLOW CAPACITY: ☒ 850 gpm gallons per minute

For Official Use:
State Well No. 5821-03(2)
DLNR Permit No. 
DLNR Application No. 

Signature: By: [Signature]
Water User
Date: 01/187

Signature: By: [Signature]
Landowner of Well Site
Approved by: [Signature]
Landowner of Well Site
Date: [Date]