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 form with the Division of Water Resource Management, P.O. Box 372, Honolulu, Hawaii 96809. Phone 548-7443 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.: 5635-02
ISLAND: KAUAI
WELL NAME OR DESIGNATION: 500 HP IRRIGATION WELL
SOURCE OR STATION NAME (For a battery of wells):

A. WELL OPERATOR
Firm name: OLOKELE SUGAR CO., LTD.
Contact person: DONALD B. CATALUNA
Address: PO BOX 156
KAUMAKANI, HI
Zip: 96747 Phone: 335-5337

B. OWNER OF WELL SITE
Firm name: GAY & ROBINSON
Contact person: WARREN S. ROBINSON
Address: PO BOX 88
MAKAWELE, HI
Zip: 96769 Phone: 338-1711

C. WELL LOCATION
Tax Map Key: 1-7-06-04 Town, Place, District: FIELD 350, OLOKELE SUGAR CO., WAIME
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): 378 ft. Year drilled or constructed: 1968/69
Reference point (Used to measure depth to water):
Elevation: 380 ft.
Description: Top of casing

Depth to water (below reference point): 362 ft. Casing diameter: 20 in.
Maximum recorded chloride: 217 ppm Solid casing depth (below ground): 380 ft.
Minimum recorded chloride: 170 ppm Perforated casing depth (below ground): 415 ft.
Maximum chloride in 1987: N/A ppm Total depth of well: 461 ft.

E. INSTALLED PUMP DATA
Pump type: Vertical shaft Submersible Centrifugal Other (specify):
Power: Diesel, 500 HP Gas, 500 HP Electric, 500 HP Other (specify):
Pump capacity: ________ gallons per minute Pump installation contractor: ROSCOE MOSS

... (continued over)

For Official Use Only:
Date received: 12-31-67 Date accepted: ________
Field checked by: ________ Date: ________

References: Hawaii Revised Statutes, Chapter 174C.
Hawaii Administrative Rules, Chapters 13-167 to 13-171.
NOTE: The purpose of the Declaration of Water Use is to obtain information necessary for 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

Other (Describe):

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>194,047</td>
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Minimum day's use: 0 gallons  Maximum day's use: 4,300,000 gallons

Typical times of usage: Dry Summer Months.

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

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

Number of service connections: __________

Acres Irrigated: 500

Crop(s): ☑ Sugar ☑ Pineapple

Non-Crop: ☐ Landscape ☑ Golf Course

Method: ☑ Drip ☑ Furrow ☑ Sprinkler

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: [Signature]

Printed Name: DONALD B. CATALUNA

Firm or Title (Well Operator, etc.): OLOKELE SUGAR COMPANY, LIMITED

Date: 12/16/88
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<td>Jane</td>
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<td></td>
<td>x</td>
<td>Robert Chuck</td>
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<td>R</td>
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<td></td>
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<td>Takeo Fujii</td>
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<td>Jimmy Yoshimoto</td>
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**Olokele Sugar Co. Well**

- 378' elv.
- 570' deep (~190' below marine)
- 20'' dia. ca.
- 17.7' Head
- 71°F water temp.
- 490 → 530 ppm (stable) @ 3300 gpm
- 0.1' d. d. @ 3300 gpm

- Well is too deep - They plan to plug back. D.Yan.
Olokele shaft Pumping
PUMPING TEST RECORD
for
No. 1, Olokele Sugar
Well

Kauai Island
Project or Job No. May 6, 1969

Description of Well--
1. Elevation: ground surface ft., top of casing ft., table ft., referenced to benchmark
2. Total depth of well ft.; or ft. elevation, msl
3. _____ in. solid casing to ft. depth, perforated to ft. depth
4. Static water level on ft. below ground surface, top of casing; or 17.1 ft. elevation, msl measured method

Description of Pump and Pump Setting--
5. Turbine type pump with stage bowl assembly
6. Gasoline diesel, electric) power with horse power
7. Shaft speed: rpm at gpm flow
8. Depth of pump intake: ft. below ; or 39.0 ft. elevation, msl
9. Depth of airline bottom: ft. below ; or ft. elevation, msl
10. Center of gage: ft. elevation, msl. Flow measured with orifice

<table>
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<th>Pumping rate (gpm)</th>
<th>Airline Drawdown (feet)</th>
<th>Chlorides (ppm)</th>
<th>Temperature (°F)</th>
<th>Cond. (mmHg, 25°C)</th>
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<tr>
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<td>11</td>
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<td>71°F</td>
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<td>71°F</td>
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<td>12.75</td>
<td>11</td>
<td>490</td>
<td>71°F</td>
<td>170 x 10</td>
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October 3, 1968

Mr. D. J. Martin, Mgr.
Olokele Sugar Co.
P.O. Box 156
Kaumakani, Kauai 96747

Dear Mr. Martin:

With reference to your proposed well located 100 feet north of your existing pumping station just west of the Koula Ditch, we are attaching a copy of a letter from the U.S. Geological Survey indicating that the number 25-3 has been assigned for record purposes.

Your acceptance of the use of this number will facilitate future reference to the well and it would be appreciated. Thank you for your cooperation.

Very truly yours,

Robert T. Chuck
Manager-Chief Engineer
September 25, 1968

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

Dear Mr. Chuck:

The number 25-3 has been assigned to the proposed Olokele Sugar Company's well located on the left bank of Kalena Gulch tributary in Makaweli, District of Waimea, Island of Kauai.

We would appreciate receiving a tax plat map with the well location plotted on it, a copy of the construction plans, driller's log, geologic log, pumping test, and any other information on this well as they become available.

Sincerely,

Jack C. Rosenau
Acting District Chief
September 17, 1968

Mr. Mearle M. Miller
District Chief
Water Resources Division
U.S. Geological Survey
1100 Ward Avenue
Honolulu, Hawaii 96814

Dear Swede:

Attached is a copy of a Notice of Intent to Drill Well by Olokele Sugar Company.

We would appreciate your assigning a well number.

Very truly yours,

WALTER O. WATSON, JR.
Acting Manager-Chief Engineer

Dl:dh
Enc.
September 17, 1968

Mr. D. J. Martin
Olokele Sugar Company
P.O. Box 156
Kaumakani, Kauai 96747

Dear Mr. Martin:

Thank you for sending us your notice of intent to drill a well next to your present shaft.

We would appreciate receiving for our files, any data on the results of drilling and testing of this new well when it becomes available. If our office can be of any assistance please let us know.

Very truly yours,

WALTER O. WATSON, JR.
Acting Manager-Chief Engineer
NOTICE OF INTENT TO DRILL WELL

INSTRUCTIONS: Send two (2) copies to: Manager-Chief Engineer, Division of Water and Land Development, P. O. Box 578, Honolulu, Hawaii 96809. In filling out this form, refer to Chapter 101, entitled "Artesian Wells, Generally," RLH 1955, 1963 Supplement.

Location of Well: (Describe and attach sketch or map)  

Well site will be located approximately 100 feet North of existing pumping station which is at elevation 376' and just West of the Koula Ditch.

Tax Map Key: 1-7-06-04

Owner of Well: Olokele Sugar Company

Mailing Address: P. O. Box 156, Kaumakani, Kauai 96747

Well Driller: Roscoe Moss Company

Mailing Address: P. O. Box 1674, Honolulu, Hawaii 96806

Proposed Use of Well:  
(a) Domestic  
(b) Industrial  
(c) Irrigation X  
(d) Others (Specify)

Remarks:

Topo map of proposed 5MGD drilled well site is attached.

10 September 1968  
Date Submitted

Signature of Owner

Manager  
Title (If applicable)