WELL CONSTRUCTION PERMIT

for

Kahului-Maui Land & Pine Monitor Wells
Well Nos. 5328-01M to 03M
Kahului, Maui

TO: Maui Land & Pineapple Company
P.O. Box 187
Kahului HI 96732

In accordance with Department of Land and Natural Resources Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", your application to construct three monitor wells (Well Nos. 5328-01M to 03M) in the vicinity of 275 Kaahumanu Avenue, TMK: 3-7-02:1, is approved, subject to the following conditions:

1. The Commission on Water Resource Management Staff (Commission staff), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, before any work by this permit commences.

2. The wells shall be used for ground water quality monitoring, sampling, and testing only.

3. The following shall be submitted to the Commission staff within 30 days after completion of the wells:
   a. Well Completion Reports.
   b. As-built sectional drawings of the wells.
   c. Plot plan and map showing the exact locations of the wells.
   d. Periodic reports of monitoring and testing results.

4. The applicant shall comply with all applicable laws, rules, and ordinances.
5. This permit may be revoked if work is not started within six months of the date of issuance or if work is suspended or abandoned for six months. The work shall be completed within two years of the date of issuance.

6. Upon completion of monitoring operations, the applicant shall obtain a well construction permit to seal the wells with cement grout in a manner approved by the Commission.

WILLIAM W. PATY, Chairperson  
Commission on Water Resource Management  
JUL 20 1992  
Date of Issuance

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed.

Applicant's Signature: ___________________________ Date: ________________

Printed Name: ___________________________

Firm or Title: ___________________________

Please sign and return one copy of this permit to the Commission staff and retain a copy for your record.

Enc. (Well Completion Report form)

c: USGS  
Department of Health  
Safe Drinking Water Branch  
Solid and Hazardous Waste Branch  
Ground Water Protection Program  
Maui Department of Water Supply  
Harding - Lawson Associates
APPLICATION FOR
COMMISSION ON WATER RESOURCE MANAGEMENT

WELL CONSTRUCTION PERMIT

INSTRUCTIONS: Please print or type and send completed application with attachments to the Division of Water and Land Development, P.O. Box 273, Honolulu, Hawaii 96822. Application must be accompanied by a non-refundable filing fee of $53.00 payable to the Department of Land and Natural Resources. (Filing fee waived for government agencies.) If necessary, phone 548-7942. Hydrology/Geology Section for assistance.

1. WELL LOCATION

Island Maui
Tax Map Key 3-7-02:1
Address 275 Kaahumanu Avenue, Kahului, Hawaii 96732

(Attach a USGS map (scale 1"=2000') and property tax map showing well location referenced to established property boundaries.)

2. WELL OWNER

Firm Name Maui Land & Pineapple Co.
Contact Person Richard Cameron
Address P.O. Box 187
Kahului, Maui, Hawaii 96732
Phone 877-3351

3. PROPOSED CONTRACTOR FOR: [ ] Well Drilling [ ] Pump Installation

Name P.R. Drilling
Address 235 Kellog Street
Wahiawa, Hawaii 96786

4. PROPOSED WORK

[ ] Drill New Well [ ] Deepen [ ] Redrill
[ ] Alter [ ] Seal [ ] Abandon
[ ] Install New Pump [ ] Replace Pump [ ] Modify Pump

(Briefly describe the proposed work and fill in the diagram on the back of this form.)

5. PROPOSED USE

[ ] Municipal (including hotels, stores, etc.) [ ] Military
[ ] Domestic (individual, noncommercial water systems) [ ] Industrial Monitoring
[ ] Irrigation (specify) [ ] Other (specify) Well

6. PROPOSED AMOUNT OF WITHDRAWAL

0 gallons per day

7. PROPOSED PUMP INFORMATION

Pump Type: [ ] Vertical Turbine [ ] Submersible [ ] Centrifugal
Motor: [ ] Diesel [ ] Gas [ ] Electric: [ ] Rated Horsepower
Rated Pump Capacity gallons per minute (gpm)

Well Owner (print) __________________________
Landowner (print) __________________________
Signature __________________________
Date __________________________

For Official Use Only:
Field Checked By __________________________
Latitude __________________________
State Well No. 6-5328-03
Hydrologic Unit
Longitude __________________________
Kahului-MNL&P

Signature __________________________
Date __________________________
Briefly describe the proposed work:

Drilling and installing three monitoring wells. Each well to be developed and sampled.

PROPOSED SECTION OF WELL

Elevation at top of casing

13 ft., msl.

Ground Elev. 13 ft., msl

Cement
Grout 8 ft.

Hole
Dis. 10 in.

Total
Depth 20-25 ft.

Rock
Packing 12 ft.

Solid Casing:
Material PVC
Length 10 ft.
Diameter 4 in.
Wall thickness 0.237 in.

Casing: Perforated
Material PVC
Length 10 ft.
Diameter 4 in.
Wall thickness 0.237 in.
Openings 0.2 sq. in./L.F.

Open Hole: N/A
Length
Diameter

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