Property Reserve, Inc.
55-510 Kam Highway
Laie, HI 96762

Gentlemen:

Thank you for informing my staff of your plans to modify Laie Battery (Well Nos. 3856-01 to 06). We understand that Laie Battery consists of three to six wells which are connected to a single pumping station. You propose to excavate and examine each well individually to determine further action.

We have received your initial well construction permit application and filing fee for the proposed work. As discussed with my staff, you will be submitting separate applications for each well once you determine the work necessary to modify or, if necessary, abandon each well.

On May 5, 1992, the Commission on Water Resource Management designated the Windward Oahu area, from Makapuu Point to Waimea Bay, as a ground water management area. All existing users of ground water will be required to apply for water use permits and will be so notified by the Commission staff in the near future. Any new use of ground water within the area will also require a water use permit from the Commission.

When you decide what work will be necessary to rehabilitate your wells, the Commission will need to consider each on a case-by-case basis to determine whether or not water use permits will be required, in addition to the well construction permits.

Please keep my staff informed of your plans as they develop. Call Ed Sakoda at 587-0225 if you have any questions.

Sincerely,

RAE M. LOUI
Deputy Director
COMMISSION ON WATER RESOURCE MANAGEMENT  
Department of Land and Natural Resources  
Division of Water Resource Management

Well Alteration Wells 3856-01 to 06  
APPLICATION FOR: [ ] Well Construction or [ ] Pump Installation PERMIT

Instructions: Please print or type and send completed application with attachments to the Div. of Water Resource Management, P.O. Box 373, Honolulu, Hawaii 96829. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. (Filing fee waived for government agencies.) If necessary, phone 644-3444, Hydrology/Geology Section for assistance.

1. WELL LOCATION: Island [ ] Oahu  
   Tax Map Key 5-5-06  
   Address [ ] Lai, Oahu, Hawaii Wells 3856-01 to 06  
   (Attach a USGS map, scale 1"=2000", and a property tax map showing well location referenced to established property boundaries.)

2. (a) WELL OWNER:
   Firm Name: Property Reserve, Inc.
   Contact Person: Zions Securities Corp.
   Address: 55-310 Kam Highway
   Lai, Hawaii 96762 Ph(808)293-9201

   (b) LANDOWNER:
   Firm Name: Property Reserve, Inc.
   Contact Person: Zions Securities Corp.
   Address: 55-310 Kam Highway
   Lai, Hawaii 96762 Ph(808)293-9201

3. PROPOSED CONTRACTOR: Work will be done by our own maintenance department as much as possible. Licensed contractors will be employed as needed to help with the work.
   Name ___________________________  
   Address ___________________________

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 sys.)  
   [ ] Industrial  
   [ ] Irrigation (specify)  
   [ ] Other (specify)  

6. PROPOSED AMOUNT OF WITHDRAWAL: _______ gallons per day

7. PROPOSED PUMP INFORMATION:
   Pump Type:  
   [ ] Vertical Turbine  
   [ ] Submersible  
   [ ] Centrifugal  
   Motor:  
   [ ] Diesel  
   [ ] Gas  
   [ ] Electric, at a rated horsepower of _______
   Rated Pump Capacity: Gallons per minute _______

Owner (print): Property Reserve, Inc.
by Zions Securities Corp., Its Agent
by Lucky Magnum, Mar., Hawaii Div.
Signature ___________________________
Date _______ April 21, 1999 _______

Landowner (print): Property Reserve, Inc.
by Zions Securities Corp., Its Agent
by Lucky Magnum, Mar., Hawaii Div.
Signature ___________________________
Date _______ July 21, 1999 _______

For Official Use Only:
Date Received ___________________________
Date Accepted ___________________________
Hydrologic Unit ___________________________
Diversion Works No. ___________________________
State Well No. ___________________________

597-0225
Wells 3856-01 to 06

Briefly describe the proposed work:
These six wells were all connected to one pump in the past. We desire now to separate the wells, extend the casings to the ground surface and then examine each well individually to see if it is suitable for use for municipal water, for irrigation or if it should be sealed. Each well will be dealt with separately when the wells have been isolated and separated.

PROPOSED SECTION OF WELL

Elevation at top of casing: __________ ft., msl.

Cement Grout: __________ ft.

Hole Diameter: __________ in.

Total Depth: __________ ft.

Rock Packing: __________ ft.

Ground Elevation: __________ ft., msl*

Solid Casing:
Material ______________________
Length ______________________ ft.
Diameter ______________________ in.
Wall thickness ______________________ in.

Casing: ☐ Perforated ☐ Screen
Material ______________________
Length ______________________ ft.
Diameter ______________________ in.
Wall thickness ______________________ in.
Openings ______________________ sq. in./L.F.

Open Hole:
Length ______________________
Diameter ______________________ in.

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