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

ES:ko
APPLICATION FOR: □ Well Construction or □ Pump Installation PERMIT

Well Alteration Wells 3856-01 to 06

InstructiOn: Please print or type and send completed application with attachments to the Div. of Water Resource Management, P.O. Box 373, Honolulu, Hawaii 96820. 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 848-3664, Hydrology/Geology Section for assistance.

1. WELL LOCATION: Island: Oahu
   Tax Map Key: 5-5-06
   Address: Laie. 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: Zion Securities Corp.
   Address: 55-510 Kam Hwy.
   Waie, Hawaii 96762 p/(808)293-9201

(b) LANDOWNER:
   Firm Name: Property Reserve. Inc.
   Contact Person: Zion Securities Corp.
   Address: 55-510 Kam Hwy.
   Waie, Hawaii 96762 p/(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 _______
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.

Ground Elevation: __________ ft., msl*

Cement Grout: __________ ft.

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.

Rock Packing: __________ ft.

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.
United States Postal Money Order

45813945644 920421 967620 **2500

Serial Number Year, Month, Day Post Office U.S. Dollars and Cents

Pay to: Dept. of Land & Natural Resources
Address: P.O. Box 373
Location: Honolulu, HI 96809

Checkwriter Imprint Area

From: Zinns Securities Corp.
Address: 55-310 Kam Hwy.

COD No. or Used For: Application Fee for Well
Well Nos: 3858-017-06

Alteration

45813945644