STATE OF HAWAII
COMMISSION ON WATER RESOURCE MANAGEMENT
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER RESOURCE MANAGEMENT

MONTHLY GROUND WATER USE REPORT

Month of April 30, 1992
03/30/92 to 04/28/92

INSTRUCTIONS: Complete this form to report total monthly ground water use from each of your well sources, and mail to Division of Water Resource Management, P.O. Box 373, Honolulu HI 96809. A separate form is available for reporting of surface water use.

<table>
<thead>
<tr>
<th>Well Name</th>
<th>State Well No.</th>
<th>Water Use Quantity</th>
<th>Method of Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temple Pump</td>
<td>3956-03</td>
<td>11,120 gallons</td>
<td>meter - per thousand gallons</td>
</tr>
<tr>
<td>BYU-HC Pump</td>
<td>3855-06, 07</td>
<td>1,661 gallons</td>
<td>Declared in use</td>
</tr>
<tr>
<td>Child Pump **</td>
<td>3855-10</td>
<td>600 gallons</td>
<td>meter - per thousand gallons</td>
</tr>
<tr>
<td>Egg Farm Pump</td>
<td>3956-05</td>
<td>meter to be installed</td>
<td></td>
</tr>
<tr>
<td>Fish Farm Pump/Well</td>
<td>3856-07</td>
<td>meter to be installed</td>
<td></td>
</tr>
<tr>
<td>Laie Maloo Well</td>
<td>3755-04</td>
<td>meter to be installed</td>
<td></td>
</tr>
<tr>
<td>Welfare Farm Well</td>
<td>3855-04</td>
<td>meter to be installed</td>
<td></td>
</tr>
</tbody>
</table>

Additional information: (Water level, chlorides, temperature, pump condition, change in use, etc.)

** Child Pump is use for agricultural use only.

NO DECLARATION FORM

Submitted by (print)
LEFTY ALO

Signature

Title OPERATIONS MANAGER

Date 4/30/92
## OPERATION BRANCH

Commission on Water Resource Management

<table>
<thead>
<tr>
<th>TO:</th>
<th>INIT:</th>
<th>PLEASE:</th>
<th>REMARKS:</th>
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<td>R. SHIROMA</td>
<td></td>
<td>See Me</td>
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<tr>
<td>F. Ching</td>
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<td>Call</td>
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<td>R. Jinnai</td>
<td></td>
<td>Review &amp; Comment</td>
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<tr>
<td>M. Ohye</td>
<td></td>
<td>Take Action</td>
<td></td>
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<tr>
<td>T. Kunimura</td>
<td></td>
<td>Investigate &amp; Report</td>
<td></td>
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<tr>
<td>S. Swanson</td>
<td></td>
<td>Draft Reply</td>
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<td></td>
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<td>Type Final</td>
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<td>Xerox ____ copies</td>
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<tr>
<td>R. LOUJ</td>
<td></td>
<td>Approval</td>
<td></td>
</tr>
<tr>
<td>S. Kokubun</td>
<td></td>
<td>Signature</td>
<td></td>
</tr>
<tr>
<td>G. MATSUMOTO</td>
<td></td>
<td>Information</td>
<td></td>
</tr>
<tr>
<td>E. SAKODA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FOR YOUR:

- Approval
- Signature
- Information
FIELD MEMORANDUM

FILE REFERENCE: Zions
DECLARANTS NAME:
FIELD INSPECTION DATE: 10-6-92
PRESENT:

TYPE OF DECLARATION: Wells

BACKGROUND: Zions Security owns total of 26 wells on their property. 23 were declared and 3 were not. Of the 23 declared wells, 9 they they said are lost.

List below are the wells that were verified, lost, and not declared:

<table>
<thead>
<tr>
<th>Well no.</th>
<th>Well name</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>3956-05</td>
<td>Egg Farm</td>
<td>Verified</td>
</tr>
<tr>
<td>3956-03</td>
<td>Temple</td>
<td>Verified</td>
</tr>
<tr>
<td>3856-07</td>
<td>Prawn Farm</td>
<td>Verified</td>
</tr>
<tr>
<td>3755-04</td>
<td>Laie Maloo</td>
<td>Verified</td>
</tr>
<tr>
<td>3855-06,07,08</td>
<td>BYU Campus</td>
<td>Verified</td>
</tr>
<tr>
<td>3855-10</td>
<td>Child Pump</td>
<td>Verified, Not Declared</td>
</tr>
<tr>
<td>3755-06</td>
<td>Truck Farm</td>
<td>Verified, Not Declared</td>
</tr>
<tr>
<td>3855-04</td>
<td>Welfare</td>
<td>Verified, Not Declared</td>
</tr>
<tr>
<td>3755-02</td>
<td>Laie</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3554-02</td>
<td>Kapaka</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3654-03</td>
<td>Kapaka</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3956-04</td>
<td>Temple</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3855-09*</td>
<td>PCC Well</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3955-02</td>
<td>Laie</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3855-03</td>
<td>Laie</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3956-06</td>
<td>Laie</td>
<td>Lost</td>
</tr>
<tr>
<td>3554-01</td>
<td>Kapaka</td>
<td>Lost</td>
</tr>
<tr>
<td>3755-01*</td>
<td>Laie</td>
<td>Lost</td>
</tr>
<tr>
<td>3856-01 to 6</td>
<td>Quarry Wells</td>
<td>Lost</td>
</tr>
</tbody>
</table>

Questions:

According to Zions declaration, it claims to have 3 wells in the Temple area...we found only 2, 3956-03 Temple, and 3956-05 Egg Farm. There maybe a third well, 3956-04 Temple that was not mention during the field verification.

Quarry Wells 3856-1 to 6 were reported lost, but we observed 3 wells in the area. Well F was being tested, Well D water being pumped out for irrigation, and Well E unused. Next to these wells theres a 15x15 pump house with a 50' deep shaft...in our wellindex wells 3856-1 to 6 were battery of wells...there may have been pumps in the pump house in the past.
Nov 12, 1992

Memo for the Records

From: Yoshi Shirono

To: Richard Warner

Subject: Verification of Outstanding Wells not yet inspected, Jims Security / Lake, Oahu

On Thursday, 11/9 I had a telephone conversation with Mr. Ed Fisk of Jim's Security regarding clarification of outstanding wells declared by Jim's Security, and that yet inspected. I had just received a copy of our field memorandum, summarizing the wells we inspected on Oahu on 10/31, and those not inspected.

Mr. Fisk confirmed that well D2 (3855-10) will be sealed and abandoned because water in the well was tested for high coliform content and unsuitable for consumption. In its place, Jim's is planning to activate the Quarry well D,E,F for backup purposes. Well F was pumped tested during the week of our inspection. Tom Vance is Jim's consultant on the well development project.

After confirmed in the telephone conversation regarding the outstanding wells not verified.

Mr. Fisk disclaimed the following wells as not belonging to Jim's: Well Nos. 3955-04 (Temple), 3955-06 (Lake, he believes this well is State Parks), 3955-02 (Lake), 3955-06 (Lake).

Well No. 3855-03 (Lake) is abandoned and application will be made to seal this well. (Tom Vance to apply)

The active wells yet to be verified are: Well Nos. 3554-01 and 3554-03 (Kapaha), 3555-09 (PCH), 3554-01 (Kapaha) and 3755-01 (Lake).

Mr. Fisk also confirmed that there are only three wells that he knows of listed as Quarry Wells. These are wells Nos. 3555-04, 3556, 06. He also corrected our report which indicated a 50' deep shaft in the 15x15 Pump house to 200' deep - and I pump exists in the pump house.

Mr. Fisk will be returning to the mainland and Mr. Woody Sandberg will serve in his capacity. He will be updated on the status of our report to assist in completing the verification of the outstanding wells not yet inspected. Woody Sandberg can be reached at 293-4201.

Yoshi
MEMORANDUM

TO: Aquatic Resources
     Forestry and Wildlife
     Historic Preservation
     Land Management
     Natural Area Reserve System
     Office of Conservation and Environmental Affairs
     State Parks
     Water and Land Development
     Other Interested Parties

FROM: Rae M. Loui, Deputy Director

SUBJECT: Request for Comments
          Water Use Permit Application
          Koolauloa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Zions Securities Corp. for Well No. 3855-04. Public notice of this application will be published in the Honolulu Star Bulletin issues of September 15, 1993 and September 22, 1993.

We would appreciate your review of the attached application and please return this form by October 6, 1993.

If you have any questions regarding this application, please contact Roy Hardy at [redacted] or Lenore Nakama at [redacted].

Attachment(s)

Response: Contact person: ___________________________ Phone: ___________________________

( ) We have no comments
( ) We have no objections
☑ Comments attached
( ) Additional information requested
( ) Extended review period requested

Signed: [Signature] Date: SEP 27, 1993
Oahu District Office has no objection provided that the applicant obtain the applicable Federal, State and County permits.

Should you have any questions, please call John Dooling at 7-0433.
DATE: 5-15-92

FROM: E8

TO: E. SAKODA
    K. Oshiro
    S. Samuels
    R. Hardy
    Q. T. Than

PLEASE: See Me
        Call
        Review & Comment
        Take Action
        Investigate & Report
        Draft Reply
        Acknowledge Receipt

REMARKS:
Ray - request for a pump installation permit. Please draft an acknowledge receipt letter with following info:

Type Draft
Type Final
Xerox copies

We need to find out if there is an existing use for this source. May need to "grandfather."
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 379, Honolulu, Hawaii 96809. 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 648-3444, Hydrology/Geology Section for assistance.

1. WELL LOCATION: Island: Oahu
   Tax Map Key: 587-0225
   Address: Laie, Oahu, Hawaii Well 3855-04 (was Well 384)
   (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 Corporation
   Address: 55-510 Kam Highway
   Laie, Hawaii 96762 Ph.(808)293-9201

(b) LANDOWNER:
   Firm Name: Property Reserve, Inc.
   Contact Person: Zions Securities Corporation
   Address: 55-510 Kam Highway
   Laie, Hawaii 96762 Ph.(808)293-9201

3. PROPOSED CONTRACTOR:
   Much of the work will be done by our own water department. Licensed contractors will be hired for some of the work such as the following:
   Name: Alapa Plumbing
   Address: Laie, Hawaii
   Contractor's License No.: ___

4. PROPOSED WORK:
   □ Drill New Well
   □ Deepen
   □ Redrill
   □ 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.)
   □ Domestic (individual, noncommercial water sys.)
   □ Irrigation (specify)
   □ Military
   □ Industrial
   □ Other (specify)

6. PROPOSED AMOUNT OF WITHDRAWAL: 500,000 gallons per day

7. PROPOSED PUMP INFORMATION:
   Pump Type:
   □ Vertical Turbine
   □ Submersible
   □ Centrifugal
   Motor:
   □ Diesel
   □ Gas
   □ Electric, at a rated horsepower of 30
   Rated Pump Capacity: Gallons per minute ___

Owner (Print) Property Reserve, Inc.

By Zions Securities Corp., Its Agent by Zions Securities Corp., Its Agent
by Lucky Kondemos, Mgr., Hawaii Div. by Lucky Fandango, Mgr., Hawaii Div.

Signature
Date 11-MAY-92

For Official Use Only:

Date Received

Date Accepted

Signature

Date

Hydrologic Unit

Dredging Works No.

State Well No.
Briefly describe the proposed work:

It is proposed to add a centrifugal booster pump and necessary values and piping to new 6 inch water main so that the well can be used as a source of municipal water for the Laie Water System. This well will serve as spare capacity for the system so that other wells can be shut in for repair and maintenance. A pump house will be constructed to house the pump, controls and chlorination equipment.

---

PROPOSED SECTION OF WELL

Gate Valve

Elevation at top of casing: 13 ft., msd

Concrete Box

Ground Elevation: 14.0 ft., msl

No changes

Cement Grout: ___ ft.

Solid Casing:

Material: Steel
Length: 104 ft.
Diameter: 10" in.
Wall thickness: ___ in.

Casing: □ Perforated □ Screen

Material
Length: ___ ft.
Diameter: ___ in.
Wall thickness: ___ in.
Openings: ___ sq. in./L.F.

Open Hole:

Length: ___ ft.
Diameter: ___ in.

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

*No changes made in existing well from surface down. No changes made in existing well from surface down.*
AGENDA FOR THE MEETING OF THE COMMISSION ON WATER RESOURCE MANAGEMENT

DATE: August 19, 1992
TIME: 9:00 a.m.
PLACE: DLNR Board Room
Kalanikou Building
Honolulu, Hawaii

1. Minutes of the July 15, 1992 meeting.
2. Hawaiian Electric Company, Application for a Water Use Permit, HECO Cooling Wells, Campbell Industrial Park, Oahu
3. Makakilo Golf Corp., Application for a Temporary Water Use Permit, Fort Barrette Well, Makakilo Golf Course, Oahu
4. Housing Finance & Development Corp., Application for a Temporary Water Use Permit, Kapolei-HFDC Irrigation Wells A, B, & C, Kapolei Golf Course and Village, Oahu
5. Property Reserve, Inc., Applications for Well Modification and Pump Installation Permits, Laie-Zions Securities Wells Nos. 3855-03 and 04, Laie, Oahu
7. Division of Water and Land Development, Application for a Well Construction Permit, Puukapu Shallow Exploratory Well, Waima, South Kohala, Hawaii
8. Hawaii Department of Water Supply, Application for a Well Construction Permit, Halekii-DWS Well, Kualalekua, South Kona, Hawaii
9. HBIF Limited, Application for a Well Construction/Pump Installation Permit, Hawaiian Paradise Park-HBIF Well, Hawaiian Paradise Park, Hawaii
10. State Department of Transportation, Application for a Well Construction/Pump Installation Permit, Keahole-DOT Irrigation Wells, Keahole Airport, Hawaii
11. Maui Department of Water Supply, Application for a Pump Installation Permit, Haiku Well, Haiku, Maui
12. Honolulu Board of Water Supply, Application for Stream Channel Alteration Permit, Ala Wai, Honolulu, Oahu
13. Honolulu Board of Water Supply, Application for Stream Channel Alteration Permit for Installation of 16-inch Water Main from Hauula to Laie, Oahu
14. Housing Finance and Development Corporation, Application for Stream Channel Alteration permit, Waialani Stream, Waipahu, Oahu
15. Gentry Hawaii, Ltd. Application for Stream Channel Alteration Permit, Panakauahi Gulch, Waiawa, Oahu
16. RESUBMITTAL: Y.Y. Valley Corporation Application for Stream Channel Alteration Permit for a Utility Bridge at Makawao Stream, Maunawili, Oahu
17. Hawaii Water Plan Schedule
18. Combined Well Construction and Pump Installation Permits and Water Use Permits Prior to Well Construction and Pump Installation Permits
19. Other Business
<table>
<thead>
<tr>
<th>CHECKWRITER IMPRINT AREA</th>
<th>POST OFFICE</th>
<th>U. S. DOLLARS AND CENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept. of Land &amp; Natural Resources</td>
<td>Laie, HI 96762</td>
<td>$0.00</td>
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<tr>
<td>P.O. Box 373</td>
<td>Zions Securities Corporation</td>
<td>55-510 Kam Hwy.</td>
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<tr>
<td>Honolulu, HI 96809</td>
<td>Laie, HI 96762</td>
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<td>O.D.O. NO. OR U.S. DOLLARS AND CENTS</td>
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Installation Permit WELL 3855-03

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(pump installation permit) WELL 3855-04

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(pump installation permit) WELL 3855-04

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<td>O.D.O. NO. OR U.S. DOLLARS AND CENTS</td>
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</table>
Laie—Zion Securities
(Well No. 3855—03)

(Well No. 3855—04)
WELL ABANDONMENT REPORT

Instructions: Please print or type and submit completed report within 30 days after sealing completion to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. An as-built drawing of the well and chemical analysis should also be submitted. For assistance call the Commission Regulation Branch at 1.234.5678.

1. STATE WELL NO. 385503 WELL NAME PCC Backup Well ISLAND Oahu
2. LOCATION: Address Iale Tax Map Key 5-506-10
3. DRILLING OR PUMP INSTALLATION CONTRACTOR Roscoe Mosby Hawaii, Inc.
4. CONTRACTOR'S C-57 LICENSE NUMBER C-16437
5. NAME OF DRILLER WHO PERFORMED WORK James Coffman
6. TYPE OF RIG/CONSTRUCTION Crane Truck
7. DATE OF WELL SEALING COMPLETION 03/31/93

(Note: Report must be submitted within 30 days after this date)

Remarks: Well was sealed with neat cement

(If more space is needed, continue on back.)

Contractor (print) ROSCOE MOSBY HAWAII, INC.
Signature
Title FIELD SUPERINTENDENT
Date 03/31/93
LETTER OF TRANSMITTAL

DATE: 04/01/93
JOB NO: 05/93R

ATTENTION:

TO:
State of Hawaii
Department of Land and Natural Resources
Commission on Water Resource Management
P. O. Box 621
Honolulu, Hawaii 96809

WE ARE SENDING YOU the following items:

☐ Shop drawings    ☐ Prints    ☐ Plans    ☐ Samples    ☐ Specifications
☐ Copy of letter    ☐ Change order  

COPIES  DATE  NO.  DESCRIPTION

1          1        Well Abandonment Report

THESE ARE TRANSMITTED as checked below:

☐ For approval    ☐ Approved as submitted    ☐ Resubmit ___ copies for approval
☐ For your use    ☐ Approved as noted    ☐ Submit ___ copies for distribution
☐ As requested    ☐ Returned for corrections    ☐ Return ___ corrected prints

☐ For review and comment    ☐ ____________________

☐ FOR BIDS DUE ____________________ 19    ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS

SIGNED:  

COPY TO  

PRODUCT ID  ASSEMBLER  Inc. Gross, Mass. SVN: To Date PHONE/TELEGRAM: 1-602-625-838

If enclosures are not as noted, kindly notify us at once.
December 18, 1992

Mr. William W. Paty
Commission on Water Resource Mgmt.
State of Hawaii
P. O. Box 621
Honolulu, HI 96809

Dear Mr. Paty:

Enclosed is the signed Well Sealing/Abandonment Permit for Laie 383 Well, Well No. 3855-03, Laie, Hawaii. We have retained a copy for our files.

Thank you for your assistance.

Sincerely yours,

ZIONS SECURITIES CORPORATION

P. David Jensen, CCIM
Senior Vice President

PDJ:rem

Enclosure
WELL SEALING/ABANDONMENT PERMIT

for

Laie-383 Well
Well No. 3855-03
Laie, Oahu

TO: Zions Securities Corporation
55-510 Kamehameha Highway
Laie, HI 96762

In accordance with Chapter 13-168, Water Use, Wells, and Stream Diversion Works, your application to seal and abandon a well (Well No. 3855-03) at Tax Map Key: 5-5-06: 01 is approved subject to the following conditions:

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

2. The Well Abandonment Report form shall be submitted to the Commission within 30 days after completion of the work.

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

4. 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.

WILLIAM W. PATY, Chairperson
Commission on Water Resource Management

Date of Issuance

NOV 19 1992
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: William Kent Money Date: 12-9-92

Printed Name: William Kent Money

Firm or Title: Zions Securities Corporation, President

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

Enc. (Well Abandonment Report form)
cc: USGS
    Department of Health
    Safe Drinking Water Branch
    Solid and Hazardous Waste Branch
    Ground Water Protection Program
    Honolulu Board of Water Supply
WELL ABANDONMENT REPORT

Instructions: Please print or type and submit completed report within 30 days after sealing completion to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. An as-built drawing of the well and chemical analysis should also be submitted. For assistance call the Commission Regulation Branch at 1-808-586-1522.

1. STATE WELL NO. ___________________ WELL NAME ___________________ ISLAND ____________
2. LOCATION: Address __________________ Tax Map Key ____________
3. DRILLING OR PUMP INSTALLATION CONTRACTOR __________________
4. CONTRACTOR'S C-57 LICENSE NUMBER __________________
5. NAME OF DRILLER WHO PERFORMED WORK __________________
6. TYPE OF RIG/CONSTRUCTION __________________
7. DATE OF WELL SEALING COMPLETION __________________
   (NOTE: Report must be submitted within 30 days after this date)

---

Finished Grade Elevation ______ ft.

Casing Diameter ______ in.

Check Material Used
Grout Seal: □ Cement □ Sand/Cement
Sand/Cement Ratio ___ / ___

Total Measured Depth ______ ft.

Measured Depth Blank Casing ______ ft.

Measured Depth Perforated Casing ______ ft.

Measured Depth to Bottom of Grout ______ ft.

Measured Depth of Sand Fill ______ ft.

Remarks: __________________________________________
   (If more space is needed, continue on back.)

Contractor (print) ___________________________ Title ___________________________
Signature ___________________________ Date ___________________________

For Driller's Use: Job Name _________ Job No. _________
For Official Use: Well No. _________
Longitude _________ Latitude _________

6/24/92 WAB Form
WELL SEALING/ABANDONMENT PERMIT

for

Laie-383 Well
Well No. 3855-03
Laie, Oahu

TO: Zions Securities Corporation
55-510 Kamehameha Highway
Laie, HI 96762

In accordance with Chapter 13-168, Water Use, Wells, and Stream Diversion Works, your application to seal and abandon a well (Well No. 3855-03) at Tax Map Key: 5-5-06: 01 is approved subject to the following conditions:

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

2. The Well Abandonment Report form shall be submitted to the Commission within 30 days after completion of the work.

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

4. 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.

WILLIAM W. PATY, Chairperson
Commission on Water Resource Management

Date of Issuance

NOV 19 1992
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: William Kent Money Date: 12-9-92
Printed Name: William Kent Money
Firm or Title: Zions Securities Corporation

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

Enc. (Well Abandonment Report form)
cc: USGS
Department of Health
  Safe Drinking Water Branch
  Solid and Hazardous Waste Branch
  Ground Water Protection Program
Honolulu Board of Water Supply
Mr. William Paty  
Commission on Water Resource Management  
Department of Land and Natural Resources  
State of Hawaii  
P. O. Box 621  
Honolulu, Hawaii  96809  

Dear Mr. Paty:

Withdrawal of Well Modification and Pump Installation Permit Applications for Zions Securities Wells 3855-03 and -04  

By this letter, Zions Securities would like to withdraw its pending well modification and pump installation permits for Wells 3855-03 and -04. In evaluating costs and other factors to add standby pumping capacity for our potable system, we have concluded that the Laie Battery (State Nos. 3856-01 to -06, old 377 A to F, also known as the quarry wells) would provide significant advantages. The graphs enclosed with this letter depict supply and use rates on the system from May 1991 through August 1992. The system is now supplied by four wells (State Nos. 3956-03 & 3855-06, -07, & -08). When all of these are in operation, available supply has been able to meet the current level of use, particularly since there was relatively low use in the summer of 1992 due to lesser irrigation. However, the graphs also clearly show that if any one of the four well sources is out, the remaining supply would not be able to meet the system’s demand. Previously, Well 3855-10 was connected to the system and provided needed backup capacity. It has since been deactivated. Because it is located next to an effluent leach field which will begin use shortly, it would be inappropriate to begin its use again.

As we have previously advised the Commission’s staff, we have worked on excavating the Laie Battery of wells. Three of these have been located and identified as 3856-04, -05, and -06. The other three have not been found. The wells have been video logged and we are about to start pump testing. After the test results have been evaluated, we will file the appropriate well modification and/or pump installation permits. We would like to be able to connect at least one of these to our system as soon as practical to achieve our needed backup supply capability.

Thank you for your continued assistance on this matter. We will contact you again as soon as our plans have been formalized.

Sincerely,

Tom Nance  

Enclosures  

cc: Lucky Fonoimoana - Zions Securities Corporation  
Douglas MacDougal - Ashford & Wriston
1991 Pumpage of the Temple and BYU Wells

Maximum 24-Hour/Day Well Pumping Capacity (1.80 MGD)

Average of 1.36 MGD for 252 Days

Well Pumping Capacity With One Pump Out of Service (1.15 MGD)
1992 Pumpage of the Temple and BYU Wells

- Maximum 24-Hour/Day Well Pumping Capacity: 1.80 MGD
- Well Pumping Capacity With One Pump Out of Service: 1.15 MGD
- Average of 1.44 MGD for 248 Days
- Sept 3

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

MGD

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1.5

1.0

0.5
Mr. Lucky Fonoimoana, Manager
Property Reserve, Inc.
55-510 Kam Highway
Laie, HI 96762

Dear Mr. Fonoimoana:

The Commission of Water Resource Management, at its meeting on August 19, 1992, deferred taking action on your applications for well modification and pump installation. The Commission felt they needed more information concerning the Laie Water System and its operation before they could make a decision.

We will tentatively schedule your applications for the Commission's October 14, 1992 meeting at 9:00 a.m. in the DLNR Board Room, Kalanimoku Building. We have already contacted your staff and are setting up a meeting to discuss the specifics of the project and the Laie Water System.

We recommend that you begin the process of obtaining water use permits for all your existing and proposed ground water sources if you have not yet started.

Call Ed Sakoda at [redacted] if you have any questions.

Sincerely,

[Signature]

RAE M. LOUI
Deputy Director

ES:ko
State of Hawaii
Commission on Water Resource Management
P.O. Box 621
Honolulu, HI 96809

Attention: William W. Paty, Chairperson

Dear Mr. Paty:

This is to acknowledge receipt of your Commission's letter of July 7, 1992 regarding applications for Well Construction/Pump Installation Permits for our wells 3855-03 and 3855-04. These applications were submitted about two months ago and we were expecting your response any time now. Both of these wells have existing connections to our Laie town water system and are desperately needed for a back-up to our municipal supply.

Presently all of our four municipal wells are pumping continuously and are not quite able to keep up with the demand. Only on weekends are we able to fill our reservoir tank. This being the driest time of the year, we would be in extreme difficulty trying to maintain a reliable sanitary supply should any of our present pumps or other equipment fail, or a heavy fire-fighting or other emergency demand be placed on our system.

Our well 3855-10 was recently taken out of service because of excess coliform bacteria found in it and we were hoping to replace this loss with other supplies as soon as possible to avert the risk of potential disaster in the community.

The delay time in re-submitting applications and awaiting your decision could work an extreme hardship for this community. Accordingly, we appeal at this time for your favorable relief in this matter.

Yours truly,

[Signature]

Hauco Laopoma
Hawaii Manager

EPF/daw

c.c. Edward P. Fisk
Wells Specialist
Mr. Lucky Fonoimoana, Manager
Property Reserve, Inc.
55-510 Kam Highway
Laie, HI 96762

Dear Mr. Fonoimoana:

We acknowledge receipt of your well construction/pump installation permit application for Well No. 3855-03, and your pump installation permit application for Well No. 3855-08. We are reviewing them for completeness.

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.

We recommend that you apply for water use permits for both wells. Revised water use permit application forms are attached for your use. Call Ed Sakoda at [phone number] if you have any questions.

Sincerely,

[Signature]
Rae M. Loui
Deputy Director

ES:ko
Enc.
APPLICATION FOR: Well Construction or Pump Installation PERMIT

1. WELL LOCATION:
   Island: Oahu
   Tax Map Key: 4-5-6-01
   Address: Polynesian Cultural Center, Laie, HI 96762

2. (a) WELL OWNER:
   Property Reserve, Inc.
   Firm Name: Zions Securities Corp.
   Contact Person: Lucky Fonoimoana, Manager
   Address: 55-510 Kam Hwy
   Ph: (808) [redacted]

   (b) LANDOWNER:
   Property Reserve, Inc.
   Firm Name: Zions Securities Corp.
   Contact Person: Lucky Fonoimoana, Manager
   Address: 55-510 Kam Hwy
   Ph: (808) [redacted]

3. PROPOSED CONTRACTOR:
   Name: Roscoe Moss Hawaii Inc.
   Contractor’s License No.: C16437
   Address: 830 Ahua St., Honolulu, HI 96819
   Ph: (808) 839-6888

4. PROPOSED WORK:
   - Drill New Well
   - Alter
   - Deepen
   - Redrill
   - Seal
   - Abandon
   - Install New Pump
   - Replace Pump
   - Modify Pump

5. PROPOSED USE:
   - Municipal (including hotels, stores, etc.)
   - Military
   - Domestic (individual, noncommercial water sys.)
   - Irrigation (specify)
   - Industrial
   - Other (specify)
   - Supply PGC-IAPCO

6. PROPOSED AMOUNT OF WITHDRAWAL: 300,000 gallons per day

7. PROPOSED PUMP INFORMATION:
   - Pump Type:
     - Vertical Turbine
     - Submersible
     - Centrifugal
   - Motor:
     - Diesel
     - Gas
   - Electric, at a rated horsepower of 10
   - Rated Pump Capacity: Gallons per minute 210
   - State Well No.: 3855-03
   - Diversion Works No.: [redacted]
   - Hydrologic Unit: [redacted]
   - Date Received: [redacted]
   - Date Accepted: [redacted]
   - Date Accepted: [redacted]
Briefly describe the proposed work:

1. Sound the well. 2. Fill well to approx. 370' with road base sandy material.

PROPOSED SECTION OF WELL

Well specifications to remain the same except new plug-back depth of approx. 325' to 330 feet.

Elevation at top of casing: 13 ft., msl.

Elevation top of concrete floor in pump house: 11.23 ft.

Ground Elevation: 10 ft., msl*

Cement Grout: 157.5 ft.

Hole Diameter: in.

Total Depth: 482 ft.

Rock Packing: None ft.

Plug back depth 330' approx.

Solid Casing:

Material: steel
Length: 157.5 ft.
Diameter: 10 in.
Wall thickness: in.

Casing: □ Perforated □ Screen

Material
Length
Diameter
Wall thickness
Openings sq. in./L.F.

Open Hole:
Length: 172 ft.
Diameter: 10 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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<th>CHECKWRITER</th>
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<tr>
<td>Dept. of Land &amp; Natural Resources</td>
<td>Zions Securities Corporation</td>
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<tr>
<td>P.O. Box 373</td>
<td>55-510 Kam Hwy.</td>
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<td>Honolulu, HI 96809</td>
<td>Laie, HI 96762</td>
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<td>C.O.D. NO. OR USED FOR</td>
<td>(pump installation permit)</td>
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April 22, 1980

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

Dear Mr. Chuck:

Subject: Well Modification and Change
in Use Permit to Polynesian
Cultural Center

Enclosed for your information and files are copies of
the application and the approved permit issued to Polynesian
Cultural Center to modify and change the use of Well No.
3855-03 at TMK: 5-5-06: 1.

Please call Chester Lao at [redacted] if you have any
questions regarding this permit.

Very truly yours,

HERBERT H. MINAKAMI
Chief, Planning and Engineering Division

Encl.
TO Polynesian Cultural Center
55-370 Kamehameha Highway
Laie, Hawaii 96762

Your application of April 2, 1980 has been approved in accordance with Chapter III of our Rules and Regulations for the Protection, Development and Conservation of Water Resources in the City and County of Honolulu.

You are hereby granted a permit to modify and change the use of Well No. 3855-03 at TMK: 5-5-06: 1, at and for the location shown on the plans and in accordance with the drawings submitted with your application.

This permit is granted subject to the Rules and Regulations of the Board of Water Supply and the following conditions:

1. Mr. Chester Lao, of the Board of Water Supply shall be notified before any work covered by this permit commences.
2. The average amount of water withdrawn per month from this well shall not exceed 400,000 gallons.
3. A flow meter shall be installed and pumpage reported monthly to the Board of Water Supply.

KAZU HAYASHIDA
Manager and Chief Engineer
Board of Water Supply

APR 21 1980
Date of Permit
APPLICATION FOR DRILLING, MODIFYING, RECASING OR REUSING WELLS

INSTRUCTIONS: Please send 1 copy to Honolulu Board of Water Supply, who will distribute to other agencies concerned. In filling out, refer to Rules and Regulations of the Honolulu Board of Water Supply adopted on May 10, 1976 and applicable rules and regulations of the State Department of Health.

OWNER: (See BWS Rules and Regulations Chapter III, Sec. 3-305, Item 1a)

POLYNESIAN CULTURAL CENTER

ADDRESS: 35-370 KAM HWY
       LAIE HI. 96762

1. APPLICATION FOR WELL: (See Chapter III, Sec. 3-305, Item 1)

   Drill       Reuse
   Modification Recase
   Change in use

2. WORK TO BE PERFORMED BY: (See Chapter III, Sec. 3-311)

   OWNER

   ________________________________

R 900 (Rev. 10-76)
3. USE OF WELL: (See Chapter III, Sec. 3-305, Item 1c)

   PRIMARY WATER SUPPLY FOR
   THE PCC. & FOR IRRIGATION OF 4 ACRES OF PLANTS
   FOR LANDSCAPING, PLUS A HOUSE.

4. ATTACHMENTS: (Each copy of the application shall have a complete set of attachments)

   a. Location of well:

      Tax Map Key: 5.5.6.1

   b. Land area served: (Attach map showing exact location of well and area served. See Chapter III, Sec. 3-305, Items 1b and 1d)

      9 ACRES PLUS POLYNESIAN CULTURAL CENTER DOMESTIC WAT &

   c. Description of well and appurtenant details:

      (See Chapter III, Sec. 3-305, Item 1e)
5. The Owner hereby agrees to install, operate, and maintain control of the well in accordance with the laws of the State of Hawaii and the Rules and Regulations of the Honolulu Board of Water Supply and the State Department of Health.

The Owner hereby understands that a fee of One Hundred Dollars ($100.00) and a permittee bond of the amount not greater than Twenty-five Thousand Dollars ($25,000.00), said amount of the bond to be set by the Engineer, are required for the drilling or excavation of each new well. The $100.00 fee per well shall be payable to the Board and shall accompany this application. The amount of the permittee bond shall be stipulated when the well owner is notified that his permit has been granted.

(See Chapter III, Sec. 3-305, Items 2 and 2a)

6. The Owner hereby agrees to the following special conditions for this well:

Date Submitted

Signature of Owner

Name of applicant if other than Owner
ZIONS SECURITIES CORP 2439021

Owner

Name of Project

 Fir Zone

Applicant Fill In Area Below

Owner

ZIONS SECURITIES CORP 2439021

Owner's Address

55-270 KAM HUY

Occupancy Group

FOR BUILDING DEPARTMENT USE

Zone

5 5

Owner

5 5 6 0 1

Accepted Value

5 6 0 1

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STATE OF HAWAII
COMMISSION ON WATER RESOURCE MANAGEMENT
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER RESOURCE MANAGEMENT

MONTHLY GROUND WATER USE REPORT

Month of April 30, 1992
03 30 1992 to 04 28 1992
(Month / Day / Year) (Month / Day / Year)

INSTRUCTIONS: Complete this form to report total monthly ground water use from each of your well sources, and mail to: Division of Water Resource Management, P.O. Box 373, Honolulu HI 96808. A separate form is available for reporting of surface water use.

Water User: Zions Securities Corporation
Island: Oahu

Water Use Quantity reported in per thousand gallons (Units of Measurement)

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<thead>
<tr>
<th>Well Name</th>
<th>State Well No.</th>
<th>Water Use Quantity</th>
<th>Method of Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temple Pump</td>
<td>3956-03</td>
<td>(11,120,000 gallons)</td>
<td>meter - per thousand gallons</td>
</tr>
<tr>
<td>BYU-HC Pump</td>
<td>3855-06, 07</td>
<td>(1,661,000 gallons)</td>
<td>meter - per thousand gallons</td>
</tr>
<tr>
<td>Child Pump</td>
<td>3855-10</td>
<td>(600,000 gallons)</td>
<td>meter - per thousand gallons</td>
</tr>
<tr>
<td>TRUCK FARM</td>
<td>3755-06</td>
<td>TO BE INSTALLED</td>
<td></td>
</tr>
<tr>
<td>Egg Farm Pump</td>
<td>3956-05</td>
<td>meter to be installed</td>
<td></td>
</tr>
<tr>
<td>Fish Farm Pump/Well</td>
<td>3856-07</td>
<td>meter to be installed</td>
<td></td>
</tr>
<tr>
<td>Laie Maloo Well</td>
<td>3755-04</td>
<td>meter to be installed</td>
<td></td>
</tr>
<tr>
<td>Welfare Farm Well</td>
<td>3855-04</td>
<td>meter to be installed</td>
<td></td>
</tr>
</tbody>
</table>

Additional information: (Water level, chlorides, temperature, pump condition, change in use, etc.)

** Child Pump is use for agricultural use only.

✓ NO DECLARATION FORM

Submitted by (print) LEFTY ALO
Signature

Title OPERATIONS MANAGER
Date 4/30/92
OPERATION BRANCH

Commission on Water Resource Management

FROM: ________________________ DATE: ____________ FILE IN: ________________________

TO:  INIT:  PLEASE:  REMARKS:

- Y. SHIROMA  See Me  ___
- F. Ching  Call  ___
- R. Jinnai  Review & Comment  ___
- M. Ohye  Take Action  ___
- I. Kunimura  Investigate & Report  ___
- S. Swanson  Draft Reply  ___
-  Acknowledge Receipt  ___
-  Type Draft  ___
-  Type Final  ___
-  Xerox ___ copies  ___

FOR YOUR:

- R. LOUI  Approval  ___
- S. Kokubun  Signature  ___
- G. MATSUMOTO  Information  ___
- E. SAKODA  ___

___

___

___

___

___
FIELD MEMORANDUM

FILE REFERENCE: Zions
DECLARANTS NAME: FIELD
FIELD INSPECTION DATE: 10-6-92
PRESENT:

TYPE OF DECLARATION: Wells

BACKGROUND: Zions Security owns total of 26 wells on their property. 23 were declared and 3 were not. Of the 23 declared wells, 9 they said are lost.
List below are the wells that were verified, lost, and not declared:

<table>
<thead>
<tr>
<th>Well no.</th>
<th>Well name</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>3956-05</td>
<td>Egg Farm</td>
<td>Verified</td>
</tr>
<tr>
<td>3956-03</td>
<td>Temple</td>
<td>Verified</td>
</tr>
<tr>
<td>3856-07</td>
<td>Prawn Farm</td>
<td>Verified</td>
</tr>
<tr>
<td>3755-04</td>
<td>Laie Maloo</td>
<td>Verified</td>
</tr>
<tr>
<td>3855-06,07,08</td>
<td>BYU Campus</td>
<td>Verified</td>
</tr>
<tr>
<td>3855-10</td>
<td>Child Pump</td>
<td>Verified, Not Declared</td>
</tr>
<tr>
<td>3755-06</td>
<td>Truck Farm</td>
<td>Verified, Not Declared</td>
</tr>
<tr>
<td>3855-04</td>
<td>Welfare</td>
<td>Verified, Not Declared</td>
</tr>
<tr>
<td>3755-02</td>
<td>Laie</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3554-02</td>
<td>Kapaka</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3654-03</td>
<td>Kapaka</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3956-04</td>
<td>Temple</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3855-09</td>
<td>PCC Well</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3955-02</td>
<td>Laie</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3855-03</td>
<td>Laie</td>
<td>Not Verified</td>
</tr>
<tr>
<td>3956-06</td>
<td>Laie</td>
<td>Lost</td>
</tr>
<tr>
<td>3554-01</td>
<td>Kapaka</td>
<td>Lost</td>
</tr>
<tr>
<td>3755-01</td>
<td>Laie</td>
<td>Lost</td>
</tr>
<tr>
<td>3856-01 to 6</td>
<td>Quarry Wells</td>
<td>Lost</td>
</tr>
</tbody>
</table>

Questions:

According to Zions declaration, it claims to have 3 wells in the Temple area...we found only 2, 3956-03 Temple, and 3956-05 Egg Farm. There maybe a third well, 3956-04 Temple that was not mention during the field verification.

Quarry Wells 3856-1 to 6 were reported lost, but we observed 3 wells in the area. Well F was being tested, Well D water being pumped out for irrigation, and Well E unused. Next to these wells there's a 15x15 pump house with a 50' deep shaft...in our wellindex wells 3856-1 to 6 were battery of wells...there may have been 6 pumps in the pump house in the past.