**COMMISSION ON WATER RESOURCE MANAGEMENT**

<table>
<thead>
<tr>
<th>FROM:</th>
<th>ROY</th>
<th>DATE:</th>
<th>FEB 28 2005</th>
<th>SUSPENSE DATE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO:</td>
<td></td>
<td>INIT:</td>
<td>NAKAMA, L.</td>
<td>FOR: Approval</td>
</tr>
<tr>
<td></td>
<td>BAUER, G.</td>
<td>INIT:</td>
<td>NAKANO, D.</td>
<td>Signature</td>
</tr>
<tr>
<td></td>
<td>CHING, F.</td>
<td>INIT:</td>
<td>OHYE, M.</td>
<td>Information</td>
</tr>
<tr>
<td></td>
<td>DANBARA, S.</td>
<td>INIT:</td>
<td>SAKODA, E.</td>
<td>Information</td>
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<tr>
<td></td>
<td>FUJII, N.</td>
<td>INIT:</td>
<td>STAHLE, K.</td>
<td>Information</td>
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<td></td>
<td>GOODING, K.</td>
<td>INIT:</td>
<td>SUBIA, S.</td>
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<td></td>
<td>HARDY, R.</td>
<td>INIT:</td>
<td>SWANSON, S.</td>
<td>Information</td>
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<td></td>
<td>HIGA, D.</td>
<td>INIT:</td>
<td>UYENO, D.</td>
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<td></td>
<td>ICE, C.</td>
<td>INIT:</td>
<td>YODA, K.</td>
<td>Information</td>
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<tr>
<td></td>
<td>IMATA, R.</td>
<td>INIT:</td>
<td>YOSHINAGA, M.</td>
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<td></td>
<td>IZU, Y.</td>
<td>INIT:</td>
<td>YOSHINAGA, M.</td>
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<tr>
<td></td>
<td>KUNIMURA, I.</td>
<td>INIT:</td>
<td>YOSHINAGA, M.</td>
<td>Information</td>
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</tbody>
</table>

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1. **PLEASE:**
   - Xerox _____ copies
In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", this document permits the pump installation for Golden Well (Well No. 3486-01) at 1-5027-158 Lot 158 9 Ave., Hawaii, TMK 1-5-27: 158, subject to the Hawaii Well Construction & Pump Installation Standards (February 2004) which include but are not limited to the following conditions:

1. The Chairperson to the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, at least two (2) weeks before any work covered by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules.

2. The pump installation permit shall be for installation of a 25 gpm rated capacity or less, pump in the well.

3. The permittee, well operator, and/or well owner shall provide and maintain an approved meter or other appropriate means for measuring and reporting withdrawals and water levels, and appropriate devices or means for measuring chlorides and temperature. These data shall be measured monthly and reported to the Commission on an annual basis, on forms provided by the Chairperson (attached).

4. The proposed use shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to pump water from a well shall not constitute a determination of correlative water rights. The permittee, well operator, and/or well owner are notified and by this provision understands that the quantity of water taken from the well could be reduced by the Commission in the future. This permit is not a commitment that the pump capacity permitted here or even some lesser amount is guaranteed in the future.

5. The permittee, well operator, and/or well owner shall complete and submit as-built drawings and Part II - (Permanent) Pump Installation Report of the Well Completion Report (attached) to the Chairperson within sixty (60) days after completion of work.

6. The permittee, well operator, and/or well owner shall comply with all applicable laws, rules, and ordinances, and non-compliance may be grounds for revocation of this permit.

7. The pump installation permit application and any related staff submittal approved by the Commission are incorporated into this permit by reference. This permit is also subject to the Hawaii Well Construction & Pump Installation Standards (February 18, 2004). If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

8. The permit may be revoked if work is not started within six (6) months after the date of approval or if work is suspended or abandoned for six (6) months, unless otherwise specified. The work proposed in the pump installation permit application shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Chairperson no later than three (3) months prior to the date the permit expires. If the commencement date is not met, the Commission may revoke the permit after giving the permittee, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

9. If the well is not to be used it must be properly capped. If the well is to be abandoned then the permittee, well operator, and/or well owner must apply for a well abandonment permit in accordance with §13-168-12(f) prior to any well sealing or plugging work.

10. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising out of any act or omission of the applicant, assigns, officers, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

11. Special conditions in the attached cover transmittal letter are incorporated herein by reference.

Date of Approval: November 29, 2004 Expiration Date: November 29, 2006

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 and understand that I shall not commence work until I and the pump installer have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $5000 per day starting from the permit date of approval.

Permittee's Signature: Lawrence Platt Date: 1-10-05

Printed Name: LAWRENCE GLATTALE Firm or Title: owner

Installer's Signature: Rodney Couch Date: 1-12-05

Printed Name: Rodney Couch Firm or Title: well owner

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.

Attachments: USGS Department of Health Safe Drinking Water & Wastewater Branch Hawaii Department of Water Supply Rodney Couch
WCR 1 Check for Well No. 3486-01  
(survey to regulation memo)

1. **Pump Tests Check**
   
   Glenn Bauer (initial)
   
   **Step-Drawdown Test:**
   
   - Complies w/HWCPI Stds
   - analysis attached
   - proposed pump cap o.k.
   - Yes
   - No
   
   **Aquifer Pump Test:**
   
   - Complies w/H WCPI Stds
   - T & S analysis attached
   - Yes
   - No
   
   **Well Interference:**
   
   - Steady-State drawdown at 1-mile radius is __ ft.
   - analysis attached
   - Yes
   - No

2. **Construction Check**
   
   Mitch Ohye (initial)
   
   - elevations checked
   - well database updated
   - Yes
   - No
   
   **GPS Location**
   
   - NAD27
   - NAD83

3. Charley/Lenore/Ryan (initial)
   
   - WCR1 fully complete (latest form)
   - WCR Special Cond. followed
   - Yes
   - No

ATTACHMENTS FOR PUMP INSTALLATION PERMIT:

1. COVER LETTER
2. PIP PERMIT (2x)
3. DOH COMMENTS
4. LAND DIV. COMMENTS
5. DHP COMMENTS
6. WCR 2 FORM
7. WUR FORM

not necessary – only WCP.

To be sent to applicant

no survey – water levels approx. ~ on.

4. Roy (initial) check
5. Subia (initial) finalize w/electronic signature
6. Charley/Lenore/Ryan file
December 8, 2004

Ref:3486-01.pip

Mr. Lawrence Glattauer

Dear Mr. Glattauer:

Pump Installation Permit
Golden Well (Well No. 3486-01)

Enclosed are two (2) originals of your approved Pump Installation Permit for the captioned well(s) that authorize permanent pump installation work for your well(s). As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 11:

Special Conditions

1. If the elevation benchmark needs to be altered, the permittee, well operator, and/or well owner shall ensure that the benchmark is transferred (or the well resurveyed) and documentation of the new benchmark shall be submitted to the Commission within sixty (60) days after the pump is installed.

2. Please enclose the pump specification and rating curve for the installed pump with the Well Completion Report.

The permittee, well operator, and/or well owner are responsible for all conditions of the permit. Be advised that you may be subject to fines of up to $5000 per day for any violations of your permit conditions starting from the permit approval date.

Please sign and have the contractor sign both permit originals and return one for our files. A copy of your water use report form is enclosed for your use.

Except for the monthly water use report form, please provide copies of all the information in this packet to your pump installation contractor.

Finally, this letter is notice that we have accepted your Well Completion Report - Part I as complete.
If you have any questions, please call Ryan Imata of the Commission staff at 587-0255 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai), extension 70255.

Sincerely,

[Signature]

Peter T. Young
Chairperson

Enclosure

c: Rodney Couch
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4. The proposed use shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to pump water from a well shall not constitute a determination of correlative water rights. The permittee, well operator, and/or well owner are notified and by this provision understands that the quantity of water taken from the well could be reduced by the Commission in the future. This permit is not a commitment that the pump capacity permitted here or even some lesser amount is guaranteed in the future.

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6. The permittee, well operator, and/or well owner shall comply with all applicable laws, rules, and ordinances, and non-compliance may be grounds for revocation of this permit.

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10. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising out of any act or omission of the applicant, assigns, officers, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

11. Special conditions in the attached cover transmittal letter are incorporated herein by reference.

Date of Approval: November 29, 2004
Expiration Date: November 29, 2006

PETER T. YOUNG, Chairperson
Commission on Water Resource Management

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 and understand that I shall not commence work until I and the pump installer have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $5000 per day starting from the permit date of approval.

Permittee's Signature: ___________________________ Date: ______

Printed Name: ___________________________ Firm or Title: ___________________________

Installer's Signature: ___________________________ C-57, C-57a, or A License #: ______ Date: ______

Printed Name: ___________________________ Firm or Title: ___________________________

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.

Attachments

c: USGS
Department of Health/ Safe Drinking Water & Wastewater Branch
Hawaii Department of Water Supply
Rodney Couch
# State of Hawaii
## COMMISSION WATER RESOURCE MANAGEMENT
### Department of Land and Natural Resources
#### WELL COMPLETION REPORT - PART I
##### Well Completion

**Instructions:** Please print in ink or type and send completed report (with attachments, if applicable) to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. The Commission may not accept incomplete reports. This form shall be submitted within 60 days of the completion of work. For assistance, please consult the Hawaii Well Construction and Pump Installation Standards or call the Regulation Branch at 587-0225. For updates to this form or additional information, please visit our website at http://www.state.hi.us/dlnr/cwrm/

<table>
<thead>
<tr>
<th>1. State Well No.:</th>
<th>3486-01</th>
<th>Well Name:</th>
<th>Golden Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Drilling Company:</td>
<td>Coach Well Drilling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Drilling method used during construction:</td>
<td>□ Rotary</td>
<td>□ Percussion</td>
<td>□ Other (describe)</td>
</tr>
<tr>
<td>5. Date Well Construction (drilled, cased, grouted) completed:</td>
<td>10/10/04</td>
<td><strong>Fill out attached Driller's Log</strong></td>
<td></td>
</tr>
<tr>
<td>6. Was the subject well cored?</td>
<td>□ Yes</td>
<td>☑ No</td>
<td></td>
</tr>
<tr>
<td>7. Initial water-level encountered:</td>
<td>120 ft. below ground</td>
<td>Date and time of measurement:</td>
<td>10/10/04 11am</td>
</tr>
<tr>
<td>8. Step-Drawdown Test completed?</td>
<td><strong>N/A</strong></td>
<td>□ No</td>
<td>□ Yes</td>
</tr>
<tr>
<td>9. Constant Rate Aquifer Test completed?</td>
<td><strong>N/A</strong></td>
<td>□ No</td>
<td>□ Yes</td>
</tr>
<tr>
<td>10. Water-level:</td>
<td>N/A</td>
<td>ft. above msl</td>
<td>Date and time of measurement:</td>
</tr>
<tr>
<td>11. Chloride:</td>
<td>N/A</td>
<td>ppm</td>
<td>Date and time of sampling:</td>
</tr>
<tr>
<td>12. Temperature:</td>
<td>N/A</td>
<td>°F</td>
<td>Date and time of measurement:</td>
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<tr>
<td>13. Fill in the as-built section on the other side of this sheet.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14. Fill in attached surveyor's report.</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. If a pump is not planned to be installed, please describe (below in the remarks section) how well is secured to prevent unauthorized access (example: lockable cover, threaded coupling, etc.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16. The proposed manufacturer's rated pump capacity is</td>
<td>25 gpm</td>
<td>at a head of</td>
<td>130 ft.</td>
</tr>
<tr>
<td>(Attach pump specifications and rating curve)</td>
<td></td>
<td></td>
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<tr>
<td>17. Remarks:</td>
<td></td>
<td></td>
<td></td>
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</table>

**Licensed Driller (print)**: Show Cound

**Signature**

**Permittee (print)**: Lawrence E. Glattauer

**Signature**

**Date** 10/10/04

**Date** 11/01/04
Bench mark elevation:

120 ft., msl* (Survey to nearest 0.01 ft.)

Elevation at top of casing:

120 ft., msl*

Ground Elevation: 120 ft., msl

Minimum of 2' Radius & 4" Thick Concrete Pad

Solid Casing: (≥ 90% x (Ground Elev. - Water Level Elev))

Length: 120 ft.
Nominal Diameter: 6 in.
Wall Thickness: .375 in.
Bottom Elevation: -120 ft., msl

Open Casing: □ Perforated □ Screen

Length: 10 ft.
Nominal Diameter: 6 in.
Wall Thickness: .375 in.
Bottom Elevation: -130 ft., msl

Open Hole:

Length: N/A ft.
Diameter: N/A in.
Bottom Elevation: N/A ft., msl

Solid Casing Material:

Carbon Steel: compliant with (check one or more): □ ANSI/AWWA C200 □ API Spec. 5L □ ASTM A53 □ ASTM A139
And compliant with (check one or more): □ ASTM A242 □ Type E □ Type S □ Grade B □ Other
Stainless Steel: (check one):

□ ASTM A409 (production wells) □ ASTM A312 (monitor wells)
ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one) □ Schedule 40 □ Schedule 80
PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one) □ Schedule 40 □ Schedule 80 □ Schedule 120
Thermoset Plastic: (check one)

□ Filament Wound Resin Pipe conforming to ASTM D2996
□ Centrifugally Cast Resin Pipe conforming to ASTM D2997
□ Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
□ Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
□ PTFE Fluorocarbon Tubing conforming to ASTM D3296
□ FEP Fluorocarbon Tubing conforming to ASTM D3296

Open Casing Material:

Carbon Steel: compliant with (check one or more): □ ANSI/AWWA C200 □ API Spec. 5L □ ASTM A53 □ ASTM A139
And compliant with (check one or more): □ ASTM A242 □ Type E □ Type S □ Grade B □ Other
Stainless Steel: (check one):

□ ASTM A409 (production wells) □ ASTM A312 (monitor wells)
ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one) □ Schedule 40 □ Schedule 80
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□ PTFE Fluorocarbon Tubing conforming to ASTM D3296
□ FEP Fluorocarbon Tubing conforming to ASTM D3296

*msl = mean sea level

6-3486-01 GOLDEN

WCR1 Form 11/12/02 Page 2 of 4
**DRILLER'S LOG**

**WELL NUMBER:** 3486-01

<table>
<thead>
<tr>
<th>Depths (ft.)</th>
<th>Rock Description, Water Level, etc.</th>
<th>Dates</th>
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<tbody>
<tr>
<td>0 to 10</td>
<td>Pahoe Hoe Lava Broken Layers</td>
<td></td>
</tr>
<tr>
<td>10 to 20</td>
<td>of Black Rock</td>
<td></td>
</tr>
<tr>
<td>20 to 30</td>
<td>Hard Blue Rock</td>
<td></td>
</tr>
<tr>
<td>30 to 40</td>
<td>Red Cinders</td>
<td></td>
</tr>
<tr>
<td>40 to 50</td>
<td>Broken Layers</td>
<td></td>
</tr>
<tr>
<td>50 to 60</td>
<td>of Blue Rock Broken Layers</td>
<td></td>
</tr>
<tr>
<td>60 to 70</td>
<td>of Black Rock</td>
<td></td>
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<tr>
<td>70 to 80</td>
<td>Black Solid Rock</td>
<td></td>
</tr>
<tr>
<td>80 to 90</td>
<td>Black Solid Rock</td>
<td></td>
</tr>
<tr>
<td>90 to 100</td>
<td>Hard Blue Rock</td>
<td></td>
</tr>
<tr>
<td>100 to 110</td>
<td>Hard Blue Rock</td>
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<tr>
<td>110 to 125</td>
<td>Hard Blue Rock</td>
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</tr>
<tr>
<td>125 to 130</td>
<td>Soft Red Cinders</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Remarks:
WELL NO: 3486-01

130' TOTAL DEPTH
120' SOLID CASING
GRAVEL PACK UP TO 115'

GRouted ANNULUS

6'' CASING

12'' OPEN HOLE

STATIC WATER LEVEL @ 120'

10'' PERFORATED CASING

RPM TO WATER
Dear Ryan,

Enclosed you’ll find the signed Well Completion Report for the Golden Well (3486-01).

Mr. Glattauer plans to install a 25 g.p.m. (max) pump for private individual needs. Therefore, we request to install the permanent pump prior to issuance of the pump installation permit, as per DEC-ADM98-G5. As a step drawdown test is not required for <70 g.p.m and a constant rate test is not required for <50 g.p.m.. Please advise as to what you’ll need, besides the enclosed Well Completion Report, for the permit to install the pump.

Thank You,

Rodney Couch
Couch Well Drilling
Well Check Program
4/1/04 - Revised for update to Well Standards (February 2004)

<table>
<thead>
<tr>
<th>Data Input</th>
<th></th>
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<tbody>
<tr>
<td>Well Number</td>
<td>3486-01</td>
</tr>
<tr>
<td>Well Name</td>
<td>Golden Well</td>
</tr>
<tr>
<td>Ground Elevation</td>
<td>120</td>
</tr>
<tr>
<td>Cement Grout</td>
<td>115</td>
</tr>
<tr>
<td>Grouting Method</td>
<td>other</td>
</tr>
<tr>
<td>Hole Diameter</td>
<td>12</td>
</tr>
<tr>
<td>Total Depth</td>
<td>130</td>
</tr>
<tr>
<td>Estimated Head</td>
<td>1</td>
</tr>
<tr>
<td>Public Water Supply Well?</td>
<td>no</td>
</tr>
<tr>
<td>Solid Casing Material</td>
<td>steel</td>
</tr>
<tr>
<td>Solid Casing Specification</td>
<td>ASTM A53</td>
</tr>
<tr>
<td>Solid Casing Length</td>
<td>120</td>
</tr>
<tr>
<td>Solid Casing Diameter</td>
<td>6</td>
</tr>
<tr>
<td>Solid Casing Wall Thickness</td>
<td>0.375</td>
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<tr>
<td>Open Casing Length</td>
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<table>
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<th>Results</th>
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<tbody>
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<td>Well Depth</td>
<td></td>
</tr>
<tr>
<td>Theoretical Thickness of Aquifer</td>
<td>41</td>
</tr>
<tr>
<td>1/4 Aquifer Thickness</td>
<td>10.25</td>
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<tr>
<td>Depth of Well below Sea Level</td>
<td>-10 okay</td>
</tr>
<tr>
<td>Well Casing</td>
<td></td>
</tr>
<tr>
<td>Minimum Wall Thickness</td>
<td>steel</td>
</tr>
<tr>
<td>Material</td>
<td>#N/A</td>
</tr>
<tr>
<td>Minimum Thickness per standards</td>
<td>#N/A</td>
</tr>
<tr>
<td>Wall Thickness Provided</td>
<td>0.375</td>
</tr>
<tr>
<td>Minimum Length of Solid Casing</td>
<td>107.1</td>
</tr>
<tr>
<td>90% of ground to top of aquifer</td>
<td>ok</td>
</tr>
<tr>
<td>Length of solid casing Provided</td>
<td>120 ok</td>
</tr>
<tr>
<td>Casing Material</td>
<td>ASTM A53 in compliance</td>
</tr>
<tr>
<td>(for pvc only - check for 200' limit)</td>
<td>ok</td>
</tr>
<tr>
<td>Annular Space</td>
<td></td>
</tr>
<tr>
<td>Depth of Grouting</td>
<td>83.3</td>
</tr>
<tr>
<td>Calculated Depth of Grouting</td>
<td>115 ok</td>
</tr>
<tr>
<td>Minimum Annular Space required</td>
<td>2</td>
</tr>
<tr>
<td>Thickness of Annular Space</td>
<td>3 ok</td>
</tr>
</tbody>
</table>
To: Peter T. Young
   Chairperson

From: Lawrence Glattauer

Ref: 3486-01.wcp

Dear Peter,

Thank you for your letter dated January 29, 2003 in reference to Well Construction Permit **Golden Well (Well No. 3486-01)**. As per your advise, in accordance with the Commissions April 15, 1998 Declaratory Ruling No. DEC-ADM98-G5 I am making a “written request to install the permanent pump prior to final pump installation permit issuance.”

Please accept this request for permanent pump installation. Enclosed please find my signed well construction permit. Thank you very much for your assistance in this matter.

Sincerely,

Mr. Lawrence Glattauer

Mr. Glattauer

P.S. The pump will not put out more than 50 gal per minute & the water will not be for drinking use. If I will be out of town, any questions should be addressed to Sarah Taylor or Kui Treo (my son) at
WELL CONSTRUCTION PERMIT
Golden Well, Well No. 3486-01

Note: This permit shall be prominently displayed at the site until the work is completed

In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", this document permits the construction and testing of Golden Well (Well No. 3486-01) at 1-5027-158 Lot 158 9 Ave., Hawaii, TMK 1-5-27: 158, subject to the Hawaii Well Construction & Pump Installation Standards (1/23/97) which include but are not limited to the following conditions:

1. The Chairperson of the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences and shall be allowed to inspect installation activities in accordance with §13-158-15, Hawaii Administrative Rules.

2. The well construction permit shall be for construction and testing of the well only. A minimum 11/2-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee, well operator, and/or well owner shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee, well operator, and/or well owner shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump and withdraw water for use. No permanent pump may be installed until a pump installation permit is approved and issued by the Chairperson.

3. In basal ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basal ground water unless otherwise authorized by the Chairperson.

4. The permittee, well operator, and/or well owner shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

5. In the event that subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee, well operator, and/or well owner shall stop work and contact the Department's Historic Preservation immediately.

6. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of correlative water rights.

7. The following shall be submitted to the Chairperson within sixty (60) days after completion of work:
   b. Elevation (referenced to mean sea level, msl) survey by a Hawaii-licensed surveyor.
   c. As-built sectional drawing of the well.
   d. Plot plan and map showing the exact location of the well.
   e. Complete pumping test records, including time, pumping rate, drawdown, chloride content, and other data.

8. The permittee, well operator, and/or well owner shall comply with all applicable laws, rules, and ordinances; non-compliance may be grounds for revocation of this permit.

9. The well construction permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (January 23, 1997; HWCPIS). If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

10. The permit may be revoked by the Commission if work is not started within six (6) months after the date of approval or if work is suspended or abandoned for six (6) months, unless otherwise specified. The work proposed in the well construction permit application shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Chairperson no later than three (3) months prior to the date the permit expires. If the commencement date is not met, the Commission may revoke the permit after giving the permittee, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

11. If the well is not to be used it must be properly capped. If the well is to be abandoned then the permittee, well operator, and/or well owner must apply for a well abandonment permit in accordance with §13-166-12(f) prior to any well sealing or plugging work.

12. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising out of any act or omission of the applicant, assigns, officers, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

13. Special conditions in the attached cover transmittal letter are incorporated herein by reference.

Date of Approval: January 13, 2003
Expiration Date: January 13, 2005

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 and understand that I shall not commence work until I and the driller have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day starting from the permit date of approval.

Permittee's Signature: Lawrence Platten
Printed Name: Lawrence Platten
Firm or Title: OWNER
Driller's Signature: Rodney L. Cooley
C-57 License #: C-23094
Date: 12-24-97
Printed Name: Rodney Cooley
Firm or Title: OWNER

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.

Attachment: USGS Department of Healthy Safe Drinking Water, Wastewater, and Clean Water Branches Hawaii Department of Water Supply
Ref: 3486-01.wcp

Mr. Lawrence Glattauer

Dear Mr. Glattauer:

Well Construction Permit
Golden Well (Well No. 3486-01)

Enclosed are two (2) copies of your approved Well Construction Permit for the captioned well(s) that authorize well construction activities but excludes installation work for your permanent pump. As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 13:

**Special Conditions**

1. Attached for your information is a copy of the Department of Health's (DOH) review comments. Please note DOH's requirements related to discharge of effluent from well drilling and testing activities.

This permit **does not** authorize work for your permanent pump installation. Approval and issuance of your pump installation permit is contingent upon completed application and information provided to and accepted by Commission staff as required in the Well Construction & Pump Installation Standards (1/23/97) and any special conditions performed under this permit. However, a permanent pump may be installed prior to the permanent pump installation permit issuance in accordance with the Commission's April 15, 1998 Declaratory Ruling No. DEC-ADM98-G5, which states that:

"Permanent pump installation for capacities between 0-70 gpm and where the proposed use is for private individual needs in non-ground-water management areas may be allowed prior to the final pump installation permit issuance. When required as a condition of the well construction permit, subsequent pumping tests shall validate the acceptability of the permanent pump. The permanent pump installed prior to final pump installation permit issuance is subject to removal if the testing shows that a smaller pump is required to reduce the potential of affecting neighboring wells and localized upconing at the applicant's well."

If you qualify and wish to take advantage of this ruling, please include a written request to install the permanent pump prior to final pump installation permit issuance when you return to us your signed well construction permit.
Please sign and have the contractor sign both permit originals and return one for our files. Also, copies of the aquifer pump test worksheet and the well completion report form are enclosed for your use.

IMPORTANT - Drilling work shall not commence until a fully signed permit is returned to the Commission. Please provide all the information in this packet to your well drilling contractor. The permittee, well operator, and/or well owner are responsible for all conditions of the permit. This includes ensuring that the well construction contractor, or other party who constructs the well(s), submits a completed Part I of the Well Completion Report form (enclosed) within sixty (60) days after the well construction work is completed. Be advised that you may be subject to fines of up to $1000 per day for any violations of your permit conditions starting from the permit approval date.

If you have any questions, please call Ryan Imata of the Commission staff at 587-0255 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai) extension 70255.

Sincerely,

[Signature]

Peter T. Young
Chairperson

Enclosures
In accordance with Department of Land and Natural Resources, Commission on Water Resource Management’s Administrative Rules, Section 13-168, entitled “Water Use, Wells, and Stream Diversion Works”, this document permits the construction and testing of Golden Well (Well No. 3486-01) at 1-5027-158 Lot 158 9 Ave., Hawaii, TMK 1-5-27: 158, subject to the Hawaii Well Construction & Pump Installation Standards (1/23/97) which include but are not limited to the following conditions:

1. The Chairperson of the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules.

2. The well construction permit shall be for construction and testing of the well only. A minimum 1½-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee, well operator, and/or well owner shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee, well operator, and/or well owner shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump and withdraw water for use. No permanent pump may be installed until a pump installation permit is approved and issued by the Chairperson.

3. In basal ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basal ground water unless otherwise authorized by the Chairperson.

4. The permittee, well operator, and/or well owner shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

5. In the event that subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee, well operator, and/or well owner shall stop work and contact the Department's Historic Preservation immediately.

6. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of correlative water rights.

7. The following shall be submitted to the Chairperson within sixty (60) days after completion of work:
   b. Elevation (referred to mean sea level, msl) survey by a Hawaii-licensed surveyor.
   c. As-built sectional drawing of the well.
   d. Plot plan and map showing the exact location of the well.
   e. Complete pumping test records, including time, pumping rate, drawdown, chloride content, and other data.

8. The permittee, well operator, and/or well owner shall comply with all applicable laws, rules, and ordinances; non-compliance may be grounds for revocation of this permit.

9. The well construction permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (January 23, 1997; HWCPIS). If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

10. The permit may be revoked by the Commission if work is not started within six (6) months after the date of approval or if work is suspended or abandoned for six (6) months, unless otherwise specified. The work proposed in the well construction permit application shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Chairperson no later than three (3) months prior to the date the permit expires. If the commencement date is not met, the Commission may revoke the permit after giving the permittee, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

11. If the well is not to be used it must be properly capped. If the well is to be abandoned then the permittee, well operator, and/or well owner must apply for a well abandonment permit in accordance with §13-168-12(f) prior to any well sealing or plugging work.

12. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising out of any act or omission of the applicant, assigns, officers, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

13. Special conditions in the attached cover transmittal letter are incorporated herein by reference.

Date of Approval: January 13, 2003
Expiration Date: January 13, 2005

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 and understand that I shall not commence work until I and the driller have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day starting from the permit date of approval.

Permittee’s Signature: ___________________________________________ Date: ___________________________
Printed Name: ___________________________________________ Firm or Title: ___________________________

Driller’s Signature: ___________________________ C-57 License #: ____________ Date: ___________________________
Printed Name: ___________________________________________ Firm or Title: ___________________________

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.

Attachment

C: USGS
Department of Health’s Safe Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
COMMISSION ON WATER RESOURCE MANAGEMENT
ROUTE SLIP FOR PERMIT ISSUANCE

FROM: RYAN
DATE: 1/15/03
SUSPENSE DATE:

TO: BAUER, G.
INIT: ______
TO: MINIMURA, I.
INIT: ______
FOR: Approval
PLEADING: See Me

TO: CHING, F.
INIT: ______
TO: NATHIAS, T.
INIT: ______
FOR: Signature
PLEADING: Review & Comment

TO: DANBARA, S.
INIT: ______
TO: NAKAMA, L.
INIT: ______
FOR: Information
PLEADING: Take Action

TO: FUJII, N.
INIT: ______
TO: NAKANO, D.
INIT: ______
FOR: Type Draft
PLEADING: Type Final

TO: GOODING, K.
INIT: ______
TO: NISHIOKA, L.
INIT: ______
FOR: File
PLEADING: ______ copies

TO: HARDY, R.
INIT: ______
TO: OHYE, M.
INIT: ______
FOR: ______
PLEADING: ______

TO: HIGA, D.
INIT: ______
TO: SAKODA, E.
INIT: ______
FOR: ______
PLEADING: ______

TO: HIRANO, E.
INIT: ______
TO: SUBIA, S.
INIT: ______
FOR: ______
PLEADING: ______

TO: ICE, C.
INIT: ______
TO: SWANSON, S.
INIT: ______
FOR: ______
PLEADING: ______

TO: IMATA, R.
INIT: ______
TO: UYENO, D.
INIT: ______
FOR: ______
PLEADING: ______

TO: JINNAI, R.
INIT: ______
TO: YODA, K.
INIT: ______
FOR: ______
PLEADING: ______

WELL NUMBER 3486-01
WELL NAME Golden well

☐ WELL CONSTRUCTION

ATTACHMENTS FOR WELL CONSTRUCTION PERMIT:
1 COVER LETTER
2 PERMIT (2x)
3 SDWB 1/3
4 WWB 1/8
5 CWB 1/6
6 HEER
7 LD
8 HP
9 PUMP TEST
10 WCR I FORM

TO BE SENT TO APPLICANT

☐ PUMP INSTALLATION

ATTACHMENTS FOR PUMP INSTALLATION PERMIT:
1 COVER LETTER
2 PERMIT (2x)
3 SDWB
4 WWB
5 CWB
6 HEER
7 LD
8 HP
9 WCR II FORM
10 WUR FORM

FOR OFFICE USE ONLY

[Signature]

Please:
1. Review & Comment
2. Take Action
3. Type Draft
4. Type Final
5. File
6. ______ copies

Ryan, better check date of review field on well check - should be automatic and formatted to see.
TO: Department of Health  
Attention: Dennis Tulang, Wastewater Branch  
         William Wong, Safe Drinking Water Branch  
         Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response  
         Alec Wong, Clean Water Branch  

FROM: Gilbert S. Coloma-Agaran, Chairperson  
Commission on Water Resource Management  

SUBJECT: Well Construction/Pump Installation Permit Application  
Golden Well (Well No. 3486-01)  

December 23, 2002  

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.  

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 10, 2003. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.  

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.  

RI:ss  
Attachment(s)  

RESPONSE:  

[ ] This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, §11-20-29.  

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical presence before initiating such use and routinely monitor the water quality thereafter. However, if future planned use from this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.  

[ ] If the well is used to supply both potable and non-potable purposes in a single system, the user should eliminate cross-connections and backflow connections by physically separating potable and non-potable systems by an air gap or an approved backflow preventer, and by clearly labeling all non-potable spigots with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be routinely inspected and tested.  

[ ] It does not appear that this well will be used for consumptive purposes and is not subject to Safe Drinking Water Regulations.  

[ ] For the applicant's information, a source of possible wastewater contamination [] is not located near the proposed well site (information attached).  

[ ] An NPDES permit is required.  

[ ] Other relevant DOH rules/regulations, information, or recommendations are attached.  

[ ] No comments/objections  

Contact Person: Bill Wong  
Phone: 587-0255  

Signed: Bill Wong  
Date: Jan 9, 2003
Date:  Jan  6, 2003

To:  Commission on Water Resource Management
     Department of Land and Natural Resources
     State of Hawaii

Attention:  Ryan Imata
           Commission Staff Member

From:  Wastewater Branch
       Department of Health
       State of Hawaii

Attention:  Lori Kajiwara
           Planner, Planning/Design Section
           Phone (808) 586-4294  Fax (808) 586-4300
           Email:  Ikajiwara@eha.health.state.hi.us

Subject:  Well Construction/Pump Installation Permit Application Response

STATE MESSENGER
December 23, 2002

TO: Department of Health
Attention: Dennis Tulang, Wastewater Branch
          William Wong, Safe Drinking Water Branch
          Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response
          Alec Wong, Clean Water Branch

FROM: Gilbert S. Coloma-Agaran, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Golden Well (Well No. 3486-01)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 10, 2003. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

RESPONSE:

[ ] This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical presence before initiating such use and routinely monitor the water quality thereafter. However, if future planned use from this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical presence before initiating such use and routinely monitor the water quality thereafter. However, if future planned use from this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

[ ] If the well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-connections and backflow connections by physically separating potable and non-potable systems by an air gap or an approved backflow preventer, and by clearly labeling all non-potable spigots with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be routinely inspected and tested.

[ ] It does not appear that this well will be used for consumptive purposes and is not subject to Safe Drinking Water Regulations.

[ ] For the applicant's information, a source of possible wastewater contamination [] is [] is located near the proposed well (information attached).

[ ] An NPDES permit is required.

[ ] Other relevant DOH rules/regulations, information, or recommendations are attached.

No comments/objections

Contact Person: Loni N. Kajiwara
Phone: 587-0254

Signed: Loni N. Kajiwara
Date: 1-3-2003
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 821
HONOLULU, HAWAII 96825

December 23, 2002

TO: Department of Health
Attention: Dennis Tulang, Wastewater Branch
William Wong, Safe Drinking Water Branch
Dr. Keith Kawaoaka, Hazardous Evaluation and Emergency Response
Alec Wong, Clean Water Branch

FROM: Gilbert S. Coloma-Agaran, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Golden Well (Well No. 346-S1)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 19, 2003. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

RESPONSE:

This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or 15 or more service connections) and must receive Director of Health approval prior to use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 29, Rules Relating to Potable Water Systems, §91-20-30.

If the well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-connections and backflow connections by physically separating potable and non-potable systems by a physical barrier or an approved backflow preventer, and by clearly labeling and non-potable systems with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be routinely inspected and tested.

It does not appear that this well will be used for potable purposes and is not subject to Safe Drinking Water Regulations.

An NPDES permit is required.

No comments/objections.

Contact Person: Dr. Keith Kawaoaka
Phone: 586-4249

Signed:

Date: 1/1/03

Fax to: Commission on Water Resources Mgt. 587-0219
December 23, 2002

TO: Department of Health

Attention: Dennis Tulang, Wastewater Branch
William Wong, Safe Drinking Water Branch
Dr. Keith Kawaoa, Hazardous Evaluation and Emergency Response
Alec Wong, Clean Water Branch

FROM: Gilbert S. Coloma-Agaran, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Golden Well (Well No. 3486-01)

 Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 10, 2003. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

· Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 887-0255.

RI: ss
Attachment(s)

RESPONSE:

[ ] This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, §11-20-29.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical presence before initiating such use and routinely monitor the water quality thereafter. However, if future planned use from this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

[ ] If the well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-connections and backflow connections by physically separating potable and non-potable systems by an air gap or an approved backflow preventer, and by clearly labeling all non-potable supplies with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be routinely inspected and tested.

[ ] It does not appear that this well will be used for consumptive purposes and is not subject to Safe Drinking Water Regulations.

[ ] For the applicant’s information, a source of possible wastewater contamination (oil) is not located near the proposed well site (information attached).

[ ] An NPDES permit is required.

[ ] Other relevant DOT rules/regulations, information, or recommendations are attached.

[ ] No comments/objections.

Contact Person: Alec Wong Phone: 886-4309

Signed: Alec Wong Date: 1/08/03
The Department of Health, Clean Water Branch has the following comments:

1. For Well-Drilling Activities

Any discharge to State waters of treated process wastewater effluent associated with well drilling activities is regulated by Hawaii Administrative Rules, Title 11, Chapter 55, Appendix I, effective September 22, 1997. Treated process wastewater effluent covered by this general permit includes well drilling slurries, lubricating fluids wastewaters, and well purge wastewaters. This general permit does not cover well pump testing. The applicable Notice of Intent Forms and filing fee shall be submitted at least thirty (30) days before the start of discharge to the Department of Health, Clean Water Branch at 919 Ala Moana Boulevard, Room 301, Honolulu, Hawaii 96814-4920 or P.O. Box 3378, Honolulu, Hawaii 96801-3378. Inquiries may be directed to the Clean Water Branch at (808) 586-4309 or by fax at (808) 586-4352.

2. For Well Pump Testing

The discharger shall take all measures necessary to prevent the discharge of pollutants from entering State waters. Such measures shall include, if necessary, containment of the initial discharge until the discharge is essentially free of pollutants. If the discharge is entering a stream or river bed, best management practices shall be implemented to prevent the discharge from disturbing the clarity of the receiving water. If the discharge is entering a storm drain, the discharger must obtain written permission from the owner of that storm drain prior to discharge. Furthermore, best management practices shall be implemented to prevent the discharge from collecting sediments and other pollutants prior to entering the storm drain.

JS/CR
TO:        Dede Mamiya, Administrator  
           Land Division
FROM:     Linnel T. Nishioka, Deputy Director  
           Commission on Water Resource Management  
SUBJECT:  Well Construction/Pump Installation Permit Application  
           Golden Well (Well No. 3486-01)

         Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

         We would appreciate your comments on the captioned application with regard to the programs, plans, and objectives specific to your division. Please respond by returning this cover memo form by January 10, 2003. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

         Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

RESPONSE:

[ ] A water lease/permit is required of this applicant and an application for such will be requested by our division.

[ ] A water lease/permit is not required of this applicant.

[ ] A water lease/permit has been obtained by the applicant through lease no. ____________________________

[ ] This well project [ ] requires [ ] does not require a CDUP. If a CDUP is required it [ ] has [ ] has not been approved and [ ] is [ ] is not currently active.

[ ] Other relevant Land Division rules/regulations, information, or recommendations are attached.

[ ] No objections

[ ] Other comments:

Original source of private title is Land Commission Award 8559-B issued between 1845 and 1855.

Contact Person: Gary Martin  
Phone: 587-0421

Signed:  
Date: DEC 27 2002
### SECTION 1: WELL LOCATION INFORMATION

<table>
<thead>
<tr>
<th>Island</th>
<th>#N/A</th>
<th>Proposed Use</th>
<th>#VALUE!</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquifer System</td>
<td>#N/A</td>
<td>Proposed Withdrawal</td>
<td>0</td>
</tr>
<tr>
<td>Aquifer Sector</td>
<td>#N/A</td>
<td>System Sustainable Yield</td>
<td>#VALUE!</td>
</tr>
</tbody>
</table>

### SECTION 2: WELL SECTION DATA

**SECTION 2: WELL SECTION DATA** (enter data in grey cells only)

<table>
<thead>
<tr>
<th>Elevation at top of casing</th>
<th>Solid Casing</th>
<th>Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Material</td>
<td>Material</td>
</tr>
<tr>
<td></td>
<td>Designation</td>
<td>Designation</td>
</tr>
<tr>
<td>Ground Elevation</td>
<td></td>
<td>Length</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Diameter</td>
</tr>
<tr>
<td>Cement Grout</td>
<td></td>
<td>Wall Thickness</td>
</tr>
<tr>
<td>Rock Packing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hole Diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Depth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated Head</td>
<td>110 ft., m.s.l.</td>
<td>Solid Casing</td>
</tr>
<tr>
<td>Calculated Aquifer Thickness</td>
<td>4510 ft.</td>
<td>Casing</td>
</tr>
<tr>
<td>County Water Supply (Y/N ?)</td>
<td>YES</td>
<td>County or Non-County</td>
</tr>
</tbody>
</table>

### SECTION 3: CHECKLIST

**SECTION 3: CHECKLIST** (values to check are shaded)

<table>
<thead>
<tr>
<th>Well Depth</th>
<th>Theoretical Thickness of Aquifer</th>
<th>4510 ft.</th>
<th>(refer to HWCPIS Section 2.2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/4 Aquifer Thickness</td>
<td>1128 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Depth of Well below Sea Level</td>
<td>120 ft.</td>
<td>okay</td>
</tr>
<tr>
<td></td>
<td>(disregard if the well is not basal)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Casing</td>
<td>Minimum Wall Thickness</td>
<td>Steel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Material</td>
<td>county</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimum Thickness per standards</td>
<td>0.280 in.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wall Thickness Provided</td>
<td>0.375 in.</td>
<td>okay (refer to HWCPIS Section 2.4 c)</td>
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<tr>
<td></td>
<td>Minimum Length of Solid Casing</td>
<td>99 ft.</td>
<td>(disregard this if this is a non-county well)</td>
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<tr>
<td></td>
<td>90% of ground to top of aquifer</td>
<td>110 ft.</td>
<td>okay (refer to HWCPIS Section 2.4 d)</td>
</tr>
<tr>
<td></td>
<td>Length of solid casing Provided</td>
<td>84 ft.</td>
<td>okay (refer to HWCPIS Section 2.4 e)</td>
</tr>
<tr>
<td>Casing Material</td>
<td>ASTM A139</td>
<td>okay</td>
<td></td>
</tr>
<tr>
<td>Annular Space</td>
<td>Calculated Depth of Grouting</td>
<td>-77 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Depth of Grouting provided</td>
<td>64 ft.</td>
<td>okay (refer to HWCPIS Section 2.6 c)</td>
</tr>
<tr>
<td></td>
<td>Thickness of Annular Space</td>
<td>3 in.</td>
<td>okay (refer to HWCPIS Section 2.6 d)</td>
</tr>
<tr>
<td>F</td>
<td>YR</td>
<td>APP</td>
<td>D</td>
</tr>
<tr>
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<td>S</td>
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<td>C</td>
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</tbody>
</table>

**REMARKS:**

LINE (1) Well No. 3486-01

LINE (2)

LINE (3)

LINE (4)

TOTAL 25.00

**PAY TO THE ORDER OF:** DEPT. OF LAND AND NATURAL RESOURCES $25.00

**DEPARTMENT OF LAND AND NATURAL RESOURCES**

**GUARDIAN® SAFETY BLUE**

**Date:** 10/22/02

**Bank of Hawaii**

**PAHOA, HAWAII 96778**

**FOR WELL PERMIT**

**Lawrence Glattauer**
Dear Mr. Glattauer:

Well Construction/Pump Installation Permit Application for Well No. 3486-01

We acknowledge receipt, on November 4, 2002, of your completed Well Construction/Pump Installation permit application and filing fee for the Golden Well (Well No. 3486-01). You can expect your application to be processed within ninety (90) days from this date.

For your information, the process of constructing a well is normally regulated and permitted in two (2) steps. First, a well construction permit is issued for drilling and testing purposes only. Based upon information provided by you through a Well Completion Report Part 1 (Well Construction), a pump installation permit (upon completed application) may then be issued to authorize pump work. If a pump is installed then a Well Completion Report Part 2 (Pump Installation) is required.

If you have any questions about your permit application, please contact Ryan Imata of the Commission staff at 587-0255 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai) extension 70255.

Sincerely,

LINNEL T. NISHIOKA
Deputy Director

RI:ss

c:  Couch Well Drilling
TO: Department of Health  
Attention: Dennis Tulang, Wastewater Branch  
William Wong, Safe Drinking Water Branch  
Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response  
Alec Wong, Clean Water Branch

FROM: Gilbert S. Coloma-Agaran, Chairperson  
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application  
Golden Well (Well No. 3486-61)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 10, 2003. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

RI: ss  
Attachment(s)

RESPONSE:

[ ] This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, §11-20-29.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical presence before initiating such use and routinely monitor the water quality thereafter. However, if future planned use from this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

[ ] If the well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-connections and backflow connections by physically separating potable and non-potable systems by an air gap or an approved backflow preventer, and by clearly labeling all non-potable spigots with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be routinely inspected and tested.

[ ] It does not appear that this well will be used for consumptive purposes and is not subject to Safe Drinking Water Regulations.

[ ] For the applicant's information, a source of possible wastewater contamination [ ] is [ ] not located near the proposed well site (information attached).

[ ] An NPDES permit is required.

[ ] Other relevant DOH rules/regulations, information, or recommendations are attached.

[ ] No comments/objections

Contact Person: ___________________________ Phone: ______________

Signed: ___________________________ Date: ______________
December 23, 2002

TO: Dede Mamiya, Administrator
    Land Division
FROM: Linnel T. Nishioka, Deputy Director
    Commission on Water Resource Management
SUBJECT: Well Construction/Pump Installation Permit Application
         Golden Well (Well No. 3486-01)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application with regard to the programs, plans, and objectives specific to your division. Please respond by returning this cover memo form by January 10, 2003. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

RESPONSE:

[ ] A water lease/permit is required of this applicant and an application for such will be requested by our division.

[ ] A water lease/permit is not required of this applicant.

[ ] A water lease/permit has been obtained by the applicant through lease no. _______________________

[ ] This well project [ ] requires [ ] does not require a CDUP. If a CDUP is required it [ ] has [ ] has not been approved and [ ] is [ ] is not currently active.

[ ] Other relevant Land Division rules/regulations, information, or recommendations are attached.

[ ] No objections

[ ] Other objections:

Contact Person: ___________________________ Phone: ________________

Signed: ___________________________ Date: ________________
TO: Don Hibbard, Administrator  
Historic Preservation

FROM: Linnel T. Nishioka, Deputy Director  
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application  
Golden Well (Well No. 3486-01)

December 23, 2002

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application with regard to the programs, plans, and objectives specific to your division. Please respond by returning this cover memo form by January 10, 2003. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

RI:ss
Attachment(s)

RESPONSE:

[ ] There may be areas in the vicinity of the well site that contain subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal.

[ ] Other relevant Historic Preservation rules/regulations, information, or recommendations are attached.

[ ] No objections

[ ] Other comments:

Contact Person: ____________________________ Phone: ____________

Signed: ____________________________ Date: ____________
Professional and Vocational Licensing Search

LICENSE SCREEN

[Look up License Type Codes->]
Please click a link listed below to display the other screen.

***** GENERAL LICENSEE *****

LIC ID: CT-23094
NAME: RODNEY J COUCH
TRADE NAME: 
STATUS: CURRENT, VALID & IN GOOD STANDING
ENTITY: INDIVIDUAL
BUSINESS CODE: SOLE OWNER
ORIG LIC DATE: 4/20/01
EXPIRE DATE: 9/30/04
CLASS PREFIX: C
SPECIAL PRIVILEGE: 
RESTRICTION: 
EDUCATION CODE: 
BUSINESS ADDR: 76-6246 ALII DR #409
KAILUA-KONA HI 96740
MAILING ADDR: P O BOX 1329
KEALKEKUA HI 96750
Click here to enter search criteria for prior complaints history ->
For prior complaints and disciplinary history, contact licensing and business information center at (808)587-3295.

<-Back  New Search->

EMPLOYEES LIST || EMPLOYERS LIST || INSURANCE/BOND || LICENSE CLASS

Copyright 2002 Professional and Vocational Licensing Division

Hawaii State homepage || DCCA || Professional and Vocational Licensing Division

<table>
<thead>
<tr>
<th>Taxkey</th>
<th>Subdiv/Condo</th>
<th>Property Type</th>
<th>Owner/Lessee</th>
<th>Beds</th>
<th>Baths</th>
<th>Land Area</th>
<th>Living Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1-5-27-158</td>
<td>Hawaiian Paradise</td>
<td></td>
<td>TREO-GLATTAUER, ALBERT</td>
<td></td>
<td></td>
<td>1.00 ac</td>
<td></td>
</tr>
</tbody>
</table>

This information has been supplied by third parties and has not been independently verified by Hawaii Information Service and is, therefore, not guaranteed.
State of Hawai‘i
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR PERMIT

Well Construction

Instructions: Please print in ink or type and send completed application with attachments to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. Application must be accompanied by 5 copies and a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 587-0225. For further information and updates to this application form, visit http://www.state.hi.us/dlnr/wrm.

APPLICANT INFORMATION: (Fill out all three, if applicable, and place a check next to the primary contact)

1. (a) WELL OWNER: LAWRENCE CLATTAINER
   Address: Contact Person:
   Fax: E-mail:

(b) LAND OWNER: ALBERT KUI TREO CLATTAINER
   Mailing Address: Contact Person:
   Fax: E-mail:

(c) CONTRACTOR: Gough Well Drilling
   Mailing Address: Contact Person: Derrick Hortcra
   Fax: (808) 792-0572 E-mail:

WELL & PUMP INFORMATION: (Please fill in the diagram on the back of this form.)

2. WELL NAME: GOLDEN WELL
   Island: HAWAII (BIG ISLAND)
   Address 1-5027-158 15058 9 Ave. Tax Map Key: PARADISE PARK
   Location: HAWAI'I (BIG ISLAND)
   Tax Map Key:
   Zone: 1 Sec: 5 Plat: 27 Parcel: 158
   Zone: 1 Sec: 27 Plat: 158
   Attachment: (a) portion of a 7.5-Minute Series USGS topographic map (scale 1:24,000) with well location labeled and include the name of the quad map
   (b) a property tax map, showing well location referenced to established property boundaries

3. PROPOSED WORK: (check all that apply)
   - Construct New Well
   - Install New Pump
   - Modify Existing Well
   - Abandon/Seal
   - State Well No:
     (if unknown, please call Commission at 587-0225)
   - Drilled
   - Dog
   - Shaft
   - Tunnel
   - Drilled
   - No. of Acres: THREE (3)
   - Irrigation (crop)
   - No. of Acres: THREE (3)

4. CONSTRUCTION:
   Is this well part of a battery of wells? Yes / No (Please describe)
   gallons per minute
   - For Hard SK skies FRUIT TREES
   - No. of Acres: THREE (3)
   - For hard sk skies
   - No. of Acres: THREE (3)

5. PROPOSED PUMPING RATE:
   gallons per minute
   - Domestic (individual, noncommercial water system)
   - Military
   - No. of Acres: THREE (3)
   - Fractured (fractured)
   - Other (explain):

6. PROPOSED USE: (check all that apply)
   - Not Required
   - Municipal (including hotels, stores, etc.)
   - Industrial
   - Water (crop)
   - Other (explain):

7. (a) PROPOSED AMOUNT OF WITHDRAWAL:
   gallons per day
   - Flowmeter
   - Open pipe
   - Weir
   - Orifice
   - Other (explain):

(b) METHOD OF FLOW MEASUREMENT:

OTHER IMPORTANT INFORMATION:

8. LEGAL REQUIREMENTS: If required, these permits must be obtained before the Commission can legally issue a permit.
   Conservation District Use Permit (CDUP) To find out if a CDUP is necessary, call DLNR Land Division at 587-0414
   Not Required
   Environmental Impact Statement (EIS) or Environmental Assessment (EA) To determine if an EIS or EA is necessary, call OEQC at 586-4185
   Not Required
   If required, published in OEQC bulletin
   Special Management Area Permit (SMAP) To determine if a SMAP is necessary: on Oahu, call 527-5374; on Hawaii, call 961-8288; for Maui county, call 270-7235; on Kauai, call 241-6677.
   Not Required
   If required, date approved

9. ARCHEOLOGICAL REQUIREMENTS:
   To find out if an archeological survey is required: on Oahu, call xxx-xxx; on Hawaii, call xxx-xxx; for Maui county, call xxx-xxx, on Kauai, call xxx-xxx.
   Not Required
   If required, please attach letter from DLNR Historic Preservation

10. REMARKS, EXPLANATIONS:

NOTE: Signing below indicates the signatories understand and swear that the information provided on this application is accurate and true to the best of their knowledge. Further, the signatories understand that approval of this application attaches the following conditions: 1) the proposed work is to be completed within two (2) years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 60 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of correlative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity; 5) in the event that the application is not completed correctly, any permit may be suspended until the item is brought in to compliance, and any work done while the permit is in suspension may result in fines of up to $1000/day.

Well Owner: LAWRENCE CLATTAINER
Landowner: ALBERT KUI TREO CLATTAINER
Contractor: Rodney Couch

Signature: ________________ Signature: ________________
(legible) (legible)

For Official Use Only:
Latitude: State Well No:
Longitude: Aquifer System No.
10. PROPOSED WELL SECTION  (Please attach schematic if different from diagram provided below)

Elevation at top of casing: __ ft., msl*

Hole Diameter: ______ in.

Minimum of 2' Radius & 4" Thick Concrete Pad (to contain benchmark surveyed to nearest 0.01 ft.)

Ground Elevation: ______ ft., msl*

Solid Casing: (c 90% x (Ground Elev.-Water Level Elev))

Total Length: ______ ft.

Nominal Diameter: ______ in.

Wall Thickness: ______ in.

Bottom Elevation: ______ ft., msl*

Open Casing:  Pierated Screen

Total Length: ______ ft.

Nominal Diameter: ______ in.

Wall Thickness: ______ in.

Bottom Elevation: ______ ft., msl*

Note: Neither bentonite nor mud should be used in saturated zones during drilling.

Open Hole:

Length: ______ ft.

Diameter: ______ in.

Bottom Elevation: ______ ft., msl*

* The approximate elevation must be referenced to mean sea level (msl) at the time of application filing. Final elevations of well components shall be submitted in the Well Completion/Well Abandonment reports and referenced to a benchmark which has been established by a surveyor licensed by the State.

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or,

Bottom Elevation of Well Limit = (Water Elevation - 1/4 x Aquifer Thickness)

Example: Estimated + 2 ft. Water Level Elev. - Bottom Elevation of Well Limit = (2 ft.) = -18.5 ft.

Solid Casing Material:
Carbon Steel: compliant with (check one or more):
- ANSI/AWWA C200
- API Spec. 5L
- ASTM A53
- ASTM A139

And compliant with (check one or more):
- ASTM A242
- Type E
- Type S
- Grade B
- Other

Stainless Steel: (check one):
- ASTM A409 (production wells)
- ASTM A312 (monitor wells)

ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one)
- Schedule 40
- Schedule 80

PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one)
- Schedule 40
- Schedule 80
- Schedule 120

Thermoset Plastic: (check one)
- Filament Wound Resin Pipe conforming to ASTM D2996
- Centrifugally Cast Resin Pipe conforming to ASTM D2997
- Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
- Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
- PTFE Fluorocarbon Tubing conforming to ASTM D3296
- FEP Fluorocarbon Tubing conforming to ASTM D3296

Open Casing Material:
Carbon Steel: compliant with (check one or more):
- ANSI/AWWA C200
- API Spec. 5L
- ASTM A53
- ASTM A139

And compliant with (check one or more):
- ASTM A242
- Type E
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