CHECKLIST

WELL CONSTRUCTION PERMIT

Paunene-First Assembly

WELL NAME or LOCATION: Paunene-Kuikelani Hwy

ISLAND: Maui

WELL NUMBER: 5227-08

Tax Map Key: 3-8-06:0407

OWNER/OPERATOR:

Firm Name: Maui First Assembly of God

Contact Person: Peter Alan Chavalho

Address: 955 Kamehameha Hwy

Kahului, Hi 96732

Phone: 871-7211

LANDOWNER:

Firm Name: Same

Contact Person: Same

Address:

Phone:

Date application received: 11-19-90

Date acknowledged receipt/request more info: 

Date application accepted: 

Suspense date (90 days): 

Date filing fee deposited: 1-4-91

Application sent to following:

✓ Dept. of Health
✓ Dept. of Hawn Home Lands
✓ Dept/Bd of Water Supply
✓ Historic Preserv. Prog.
✓ Koolauloa NB #28 (Oahu)
✓ Dept.Pub.Wrks (Hawaii)
✓ Office of Hawaiian Affairs

Date agenda due: 

Date submittal due: 

Date submittal sent to applicant: 

Date application approved or disapproved: 

Date applicant notified of decision: 

REMARKS: 

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

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____________________________________________________________________

____________________________________________________________________
Puunene—First Assembly
(Well No. 5227-08)
WELL CONSTRUCTION/PUMP INSTALLATION PERMIT

for

Puunene-First Assembly Well
Well No. 5227-08
Puunene, Maui

TO: Maui First Assembly of God
95 S. Kane Street
Kahului, Maui, HI 96732

In accordance with the Department of Land and Natural Resources Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", your application to construct, test, and install a pump in Puunene-First Assembly Well (Well No. 5227-08) within Tax Map Key: 3-8-06:07, for landscape irrigation, is approved subject to the following conditions:

1. The Division of Water Resource Management (DWRM), P.O. Box 373, Honolulu, HI 96809, shall be notified, in writing, before any work covered by this permit commences.

2. The permit shall be for construction, testing, and installation of a 60 gallons per minute capacity, or less, pump in the well, as determined by the pumping test results. The applicant shall submit to DWRM the test results and proposed permanent pump information, based on the test, for approval by the Chairperson. No permanent pump may be installed and no water used from the well without the Chairperson's approval.

3. The proposed use shall not adversely affect existing or future legal uses in the area.

4. The grouted annulus of the well shall be from 0 to 40 ft. instead of from 0 to 20 ft. as proposed.
5. The following shall be submitted to DWRM within 30 days after completion of the well:
   a. Well Completion Report.
   b. As-built sectional drawing of the well.
   c. Plot plan and map showing the exact location of the well.
   d. Complete pumping test record, including time, pumping rate, drawdown, chloride content, and water quality data.

6. The applicant shall provide and maintain an approved meter or other appropriate device or means for measuring and reporting total water usage on a monthly basis.

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

8. 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 proposed in the permit application shall be completed within 24 months from the date of permit issuance.

WILLIAM W. PATY, Chairperson
Commission on Water Resource Management

FEB 21 1991
Date of Issuance

cc: USGS
    Department of Health
    Drinking Water Branch
    Ground Water Protection Program
    Maui Department of Water Supply
<table>
<thead>
<tr>
<th>TO</th>
<th>INITIAL:</th>
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</thead>
<tbody>
<tr>
<td>G. AKITA</td>
<td></td>
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<tr>
<td>L. Nanbu</td>
<td></td>
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<td>E. Sakoda</td>
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<td>G. Matsumoto</td>
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<td>E. Lau</td>
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<td>L. Chang</td>
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<td>M. TAGOMORI</td>
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<tr>
<td>S. Kokubun</td>
<td></td>
</tr>
</tbody>
</table>

**PLEASE:**
- See Me
- Take Action By
- Route to Your Branch
- Review & Comment
- Draft Reply
- Acknowledge Receipt
- Xerox copies
- File
- Mail

**FOR YOUR:**
- Approval
- Signature
- Information
MEMORANDUM

TO: Manabu Tagomori, Deputy Director
Commission on Water Resource Management

FROM: Don Hibbard, Acting Administrator
State Historic Preservation Division

SUBJECT: Well Construction and Pump Installation Permit
Application for Well No. 5527-08 (First Assembly)
Puunene, Wailuku, Maui
TMK 3-8-06:7

This application will have "no effect" on significant historic sites. The proposed well will be located in an area that has been previously disturbed by sugar cane cultivation.
January 22, 1991

Mr. Manabu Tagomori
Deputy Director
Department of Land and Natural Resources
Commission on Water Resources Management
State of Hawaii
P. O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Tagomori:

Subject: WELL CONSTRUCTION AND PUMP INSTALLATION PERMIT APPLICATIONS FOR WELL NO. 5527-08, 4326-07 & 5529-02

We have reviewed the subject applications and have no comments.

Sincerely,

RAE M. SHIKUMA
Director

EK:oka

"By Water All Things Find Life"
Dear Mr. Paty,

Well Construction and Pump Installation Applications
Barber's Pt. Well and Pump
Puunene Well
Waikoloa Wells
Mauna Lani SW Wells 1-4

Thank you for the opportunity to comment on the following permit applications:

- Barber's Point-Chevron Well 1907-02 and Pump
- Puunene-First Assembly Well 5527-08
- Waikoloa Village Well 5546-02
- Waikoloa Exploratory Well 5345-01
- Mauna Lani SW Wells 5651-02 to 05

These do not impact Hawaiian Home Lands; we do not have comments at this time.

We look forward to understanding the results of the proposed use of the Mauna Lani Saltwater Wells. To pump 8 Mgd from an area near natural and man-made ponds, and near the edge of a groundwater lens, may produce some interesting hydrologic effects.

Warmest aloha,

Hoaliku L. Drake, Chairman
Hawaiian Homes Commission
The Honorable William W. Paty, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
State of Hawaii
P.O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Paty:

SUBJECT: WELL CONSTRUCTION PERMIT APPLICATION
PUUNENE-FIRST ASSEMBLY WELL
STATE WELL NO. 5527-08
PUUNENE, MAUI

Thank you for the opportunity to review and comment on the subject application.

Since proposed well will be used to irrigate the church and school grounds, the Department's Administrative Rules, Title 11, Chapter 20, "Potable Water Systems," will not be applicable. However, in the event that the proposed use were to change, please inform the Safe Drinking Water Branch.

If you should have any questions, please contact the Safe Drinking Water Branch at 543-8258.

Very truly yours,

[Signature]

JOHN C. LEWIN, M.D.
Director of Health

cc: Pastor Alan Cravalho
Maui First Assembly of God
95 S. Kane Street
Kahului, Maui, HI 96732
Honorable William W. Paty  
Commission on Water Resource Management  
Department of Land and Natural Resources  
State of Hawaii  
P.O. Box 621  
Honolulu, Hawaii 96809  

RE: Well Construction and Pump Installation Permit Application(s)  

Dear Mr. Paty:  

Thank you for the opportunity to review the following water permit applications:  

<table>
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<td>Mauna Lani SW Nos 1-4</td>
<td>5651-02 to 05 Well</td>
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Our comments pertain to the first application, No. 1907-02.  
This well will be developed on the Ewa plain. There is considerable residential and commercial development under construction and planned for the future in this part of O'ahu. The allocation of water to this area has been a problem for some time. The Ewa Plain Water Development Corporation (EPWDC) has been established to research and plan for water needs on the Ewa plain. We suggest that the applicant coordinate with the EPWDC on water usage.  

We have no other comments at this time.  

Sincerely,  
Richard Paglinawan  
Administrator  

cc: Moses Keale, Chair  
Board of Trustees
Ms. Rae Shikuma, Director
Department of Water Supply
County of Maui
200 South High Street
Wailuku, Maui, Hawaii 96793

Dear Ms. Shikuma:

Well Construction and Pump Installation Permit Application(s)

Transmitted for your review and comment is a copy of the following permit application(s):

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<td>Kamaole-Bosa</td>
<td>4326-07</td>
<td>Pump</td>
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<td>Maui</td>
<td>Waiehu Golf Course</td>
<td>5529-02</td>
<td>Pump</td>
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Please review the application(s) pursuant to your area of concern and submit your comments to us, orally or in writing, by January 25, 1991.

Should you have any questions, please contact our Regulation Branch at 548-7541.

Sincerely,

[Signature]
MANABU TAGOMORI
Deputy Director

DN: bm
Enc.
MEMORANDUM

TO: Don Hibbard, Director
   Historic Preservation Program

FROM: Manabu Tagomori, Deputy Director
   Commission on Water Resource Management

SUBJECT: Well Construction and Pump Installation Permit Application(s)

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Please review the application(s) pursuant to your area of concern and submit your comments to us, orally or in writing, by January 25, 1991.

Should you have any questions, please contact our Regulation Branch at 548-7541.

DN: bm
Enc.
Honorable John C. Lewin, M.D.
Director
Department of Health
State of Hawaii
1250 Punchbowl Street
Honolulu, Hawaii 96813

Attn: Mr. Thomas Arizumi, Drinking Water Branch

Dear Dr. Lewin:

Well Construction and Pump Installation Permit Application(s)

Transmitted for your review and comment is a copy of the following permit application(s):

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Please review the application(s) pursuant to your area of concern and submit your comments to us, orally or in writing, by January 25, 1991.

Should you have any questions, please contact Manabu Tagomori, Deputy Director at 548-7533.

Very truly yours,

WILLIAM W. PATY

Enc.
Mr. Thomas K. Kaulukukui, Sr.
Chairman & Trustee-At-Large
Office of Hawaiian Affairs
1600 Kapiolani Blvd., Suite 1500
Honolulu, Hawaii 96814

Attn: Ms. Linda Delaney, Land & Natural Resources Division

Dear Mr. Kaulukukui:

Well Construction and Pump Installation Permit Application(s)

Transmitted for your review and comment is a copy of the following permit application(s):

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Please review the application(s) pursuant to your area of concern and submit your comments to us, orally or in writing, by January 25, 1991.

Should you have any questions, please contact Manabu Tagomori, Deputy Director at 548-7533.

Very truly yours,

WILLIAM W. PATY

Enc.
Honorable Hoaliku L. Drake  
Director  
Department of Hawaiian Home Lands  
State of Hawaii  
P.O. Box 1879  
Honolulu, Hawaii 96805

Dear Mr. Drake:

Well Construction and Pump Installation Permit Application(s):

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Please review the application(s) pursuant to your area of concern and submit your comments to us, orally or in writing, by January 25, 1991.

Should you have any questions, please contact Manabu Tagomori, Deputy Director at 548-7533.

Very truly yours,

WILLIAM W. PATY

Enc.
Pastor Alan Cravalho  
Maui First Assembly of God  
95 South Kane Street  
Kahului, HI 96732

Dear Pastor Cravalho:

We have received your application and filing fee to construct and pump test a well (Well No. 5227-08) at Puunene, Maui, Hawaii (TMK: 3-8-06:07). We are reviewing your application for completeness and will contact you if more information is needed.

Should you have any questions, please contact the Regulation Branch of the Division of Water Resource Management at 548-7541.

Sincerely,

[Signature]

MANABU TAGOMORI
Deputy Director

DN:bm
APPLICATION FOR

WELL CONSTRUCTION PERMIT

PUMP INSTALLATION PERMIT

INSTRUCTIONS: Please print or type and send completed application with attachments to the Division of Water and Land Development, P.O. Box 311, Honolulu, Hawaii 96808. Application must be accompanied by a non-refundable filing fee of $12.00 payable to the Department of Land and Natural Resources. (Filing fee waived for government agencies.) If necessary, phone 544-1912, Hydrology/Geology Section for assistance.

1. WELL LOCATION

Island Maui

Tax Map Key 3-8-056 LOT 1

Address Corner of Kuilahena Hwy and Puunene Avenue

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

2. WELL OWNER

Firm Name Maui First Assembly of God

Contact Person Pastor Alan Cravalo

Address 95 S. Kane Street

Kahului, HI 96732

Phone 871-7311

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

Name David Pico

Address 343 Alu Road

Wailuku, HI 96793

Contractor's License No. ABC 2291

4. PROPOSED WORK

[ ] Drill New Well [ ] Deepen [ ] Redrill

[ ] Alter [ ] Seal [ ] Abandon

[ ] Install New Pump [ ] Replace Pump [ ] Modify Pump

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

5. PROPOSED USE

[ ] Municipal (including hotels, stores, etc.) [ ] Military

[ ] Domestic (individual, noncommercial water systems) [ ] Industrial

[ ] Irrigation (specify) Church and School Grounds [ ] Other (specify)

6. PROPOSED AMOUNT OF WITHDRAWAL 48,000 gallons per day

7. PROPOSED PUMP INFORMATION

Pump Type: [ ] Vertical Turbine [X] Submersible [ ] Centrifugal

Motor: [ ] Diesel [ ] Gas [ ] Electric: 5 Rated Horsepower

Rated Pump Capacity 60 gallons per minute (gpm)

Well Owner (print) FIRST ASSEMBLY OF GOD

Landowner (print) FIRST ASSEMBLY OF GOD

Signature [ ] Date May 3, 90

Signature [ ] Date Nov 30, 90

For Official Use Only:

Latitude

Hydrologic Unit

State Well No. S227-08

Longitude

Quad Map No. 5
Briefly describe the proposed work:

Project will consist of drilling, casing and pump testing of well. Pending satisfactory results, the well would be used for irrigation of landscaping.

PROPOSED SECTION OF WELL

**Elevation at top of casing**
- 41 ft., masl.

**Ground Elev.**
- 40 ft., masl

**Cement**
- 20 ft.

**Grout**
- 6 in.

**Total Depth**
- 65 ft.

**Rock**
- 20 ft.

**Solid Casing:**
- Material: P.V.C. Sched. 40
  - Length: 45 ft.
  - Diameter: 6 in.
  - Wall thickness: 0.280 in.

**Casing:**
- 1/4 Perforated / / Screen
  - Material: Sched. 40 P.V.C.
  - Length: 20 ft.
  - Diameter: 6 in.
  - Wall thickness: 0.280 in.
  - Openings: 10 sq. in./L.F.

**Open Hole:**
- Length: -
- Diameter: -

*Approximate elevation at time of filing application. Final elevation (masl) by a surveyor licensed by the State must be submitted at start of construction.
X WELL CONSTRUCTION PERMIT

PUMP INSTALLATION PERMIT

INSTRUCTIONS: Please print or type and send completed application with attachments to the Division of Water and Land Development, P.O. Box 375, Honolulu, Hawaii 96809. Application must be accompanied by a non-refundable filing fee of $15.00 payable to the Department of Land and Natural Resources. (Filing fee waived for government agencies.) If necessary, phone 544-7143, Hydrology/Geology Section for assistance.

1. WELL LOCATION

Island Maui Tax Map Key 3-8-064 LOT 1
Address Corner of Kuleleani Hwy and Puunene Avenue

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

2. WELL OWNER

Firm Name Maui First Assembly of God
Contact Person Pastor Alan Cravalho
Address 95 S. Kane Street
Kahului, HI 96732
Phone 871-7311

LANDOWNER

Firm Name Maui First Assembly of God
Contact Person Pastor Alan Cravalho
Address 95 S. Kane Street
Kahului, HI 96732
Phone 871-7311

3. PROPOSED CONTRACTOR FOR: ☐ Well Drilling ☐ Pump Installation

Name David Pico
Address 343 Alu Road
Wailuku, HI 96793
Phone 879-2094

Contractor's License No. ABC 2291

4. PROPOSED WORK

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

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

5. PROPOSED USE

☐ Municipal (Including hotels, stores, etc.) ☐ Military
☐ Domestic (individual, noncommercial water systems) ☐ Industrial
☐ Irrigation (specify) Church and School Grounds ☐ Other (specify)

6. PROPOSED AMOUNT OF WITHDRAWAL 48,000 gallons per day

7. PROPOSED PUMP INFORMATION

Pump Type: ☐ Vertical Turbine ☐ Submersible ☐ Centrifugal
☐ Diesel ☐ Gas ☐ Electric: 5 Rated Horsepower
Rated Pump Capacity 60 gallons per minute (gpm)

Well Owner (print) First Assembly of God
Signature Date Nov 30, 90

Landowner (print) First Assembly of God
Signature Date Nov 30, 90

For Official Use Only:
Field Checked By
Latitude
Hydrologic Unit
State Well No. 5227-05
Grand Map No. 5

Date
Longitude
Briefly describe the proposed work:

Project will consist of drilling, casing and pump testing of well. Pending satisfactory results. The well would be used for irrigation of landscaping.

PROPOSED SECTION OF WELL

Elevation at top of casing 41 ft., msl.

Ground Elev. 40 ft., msl*  

Cement Grout 20 ft.

Hole Dia. 12 in.

Total Depth 65 ft.

Rock Packing 20 ft.

Solid Casing:  
Material P.V.C. Sched. 40  
Length 45 ft.  
Diameter 6 in.  
Wall thickness 0.280 in.

Casing: /X/Perforated / /Screen  
Material Sched. 40 P.V.C.  
Length 20 ft.  
Diameter 6 in.  
Wall thickness 0.280 in.  
Openings 10 sq. in./L.F.

Open Hole:  
Length  
Diameter 8 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.
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
Division of Water Resource Management

APPLICATION FOR

X WELL CONSTRUCTION PERMIT

PUMP INSTALLATION PERMIT

INSTRUCTIONS: Please print or type and send completed application with attachments to the Division of Water and Land Development, P.O. Box 373, Honolulu, Hawaii 96815. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Department of Land and Natural Resources. (Filing fee waived for government agencies.) If necessary, phone 586-7142, Hydrology/Geology Section for assistance.

1. WELL LOCATION

Island Maui

Tax Map Key 3-8-06A LOT 1

Address 95 S. Kane Street

Kahului, HI 96732

Phone 871-7311

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

2. WELL OWNER

Firm Name Maui First Assembly of God

Contact Person Pastor Alan Cravalho

Address 95 S. Kane Street

Kahului, HI 96732

Phone 871-7311

3. PROPOSED CONTRACTOR FOR: ☐ Well Drilling ☐ Pump Installation

Name David Pico

Address 343 Alu Road

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4. PROPOSED WORK

☐ Drill New Well ☐ Deepen

☐ Alter ☐ Seal

☐ Install New Pump ☐ Replace Pump

☐ Redrill ☐ Abandon

☐ Modify Pump

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

5. PROPOSED USE

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☐ Irrigation (specify) □ Church and School Grounds

☐ Other (specify)

6. PROPOSED AMOUNT OF WITHDRAWAL 48,000 gallons per day

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Pump Type: ☐ Vertical Turbine ☐ Submersible

Motor: ☐ Diesel ☐ Gas ☐ Electric: 5 Rated Horsepower

Rated Pump Capacity 60 gallons per minute (gpm)

Well Owner (print) First Assembly of God

Signature __________________________

Date Nov. 7, 90

For Official Use Only:

Field Checked By __________________________

Date __________________________

Landowner (print) First Assembly of God

Signature __________________________

Date Nov. 7, 90

Latitude __________________________

Longitude __________________________

Hydrologic Unit 5227-08

State Well No. GZ2-77-7

Quad Map No. 5
Briefly describe the proposed work:

Project will consist of drilling, casing and pump testing of well: Pending satisfactory results. The well would be used for irrigation of landscaping.

PROPOSED SECTION OF WELL

*Approximate elevation at time of filing application. Final elevation (msl) by a surveyor licensed by the State must be submitted at start of construction.
FIRST ASSEMBLY OF GOD CHURCH
GENERAL FUND
95 S. KANE ST. PH. 808-571-7311
KAHULUI, HI 96732

BANK OF HAWAII
KAHULUI, HI 96732
59-102-1213

11/15/90

*****$25.00

DATE

AMOUNT

**** TWENTY FIVE & NO/100 DOLLARS

PAY TO THE ORDER OF:

SOH/Dept. Land/Natural Resourcs
P.O. Box 373
Honolulu, HI 96809

TWO SIGNATURES REQUIRED