The Maui High School Well, 5228-14, was drilled in 1969 and we do not have a well completion report as currently understood. Transmitting instead the little we do have:

- page from well index
- copy of pump design
- copy of driller's log
<table>
<thead>
<tr>
<th>Date</th>
<th>PER</th>
<th>THO</th>
<th>IRRSC</th>
<th>12/31/1969</th>
<th>1969</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>90</td>
<td>-30</td>
<td>71</td>
<td>60</td>
<td>-10</td>
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<tr>
<td></td>
<td>250</td>
<td>0</td>
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<td>70</td>
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<td>350</td>
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<td>3.7</td>
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<td>60</td>
<td>5.8</td>
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<td></td>
<td></td>
<td>Irrigation of 17 acres Soccer fields and ball fields</td>
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</tbody>
</table>
**Log of Well No.:** Drilled for Pong Construction Co., Ltd.

**Location:** Maui High & Intermediate School, Kahului, Maui

**Started Work:** December 14, 1969

**Completed Work:** December 21, 1969

**Total depth:** 90 ft.

**Size of shoe:** 70 ft. of 8 inch 1/4 MK or gauge casing used... 70 ft. left in Well

**Type of Perforator used:** None

<table>
<thead>
<tr>
<th>Perforated</th>
<th>ft. to.</th>
<th>ft.</th>
<th>Holes per</th>
<th>inches</th>
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<tbody>
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</tbody>
</table>

**Diameter of Perforations:** inches

**Length of Perforations:** "

**Depth at which water was first found:** 60 ft.

**Standing level before perforating:** "

**Standing level after perforating:** "

**Note below your observations of any change in water level while drilling:**

**Water level when first started Test:** ft.

**Draw down from standing level:** "

**No. of gallons per minute pumped when Test first started:** 351

**No. of gallons per minute pumped when Test completed:** 351

**Draw down at completion of Test:** 5.77 ft.

**Hours Testing Well:** 2-1/2

**Formation: Mention size of water gravel—**

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Layer Description</th>
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</thead>
<tbody>
<tr>
<td>0 - 10</td>
<td>10 ft. Sand</td>
</tr>
<tr>
<td>10 - 20</td>
<td>20 ft. Brown sandy clay</td>
</tr>
<tr>
<td>20 - 28</td>
<td>28 ft. Red clay</td>
</tr>
<tr>
<td>28 - 36</td>
<td>36 ft. Sandy clay</td>
</tr>
<tr>
<td>36 - 43</td>
<td>43 ft. Decomposed rock</td>
</tr>
<tr>
<td>43 - 49</td>
<td>49 ft. Porous rock</td>
</tr>
<tr>
<td>49 - 60</td>
<td>60 ft. Hard porous rock</td>
</tr>
<tr>
<td>60 - 72</td>
<td>72 ft. Medium hard coral</td>
</tr>
<tr>
<td>72 - 90</td>
<td>90 ft. Coral, hard streaks</td>
</tr>
</tbody>
</table>

Make diagram of perforation in square, showing dimensions.
Driller must make drawings of adapter in square, showing dimensions.

Is well straight, top to bottom?
If not, what is the variation?

Will there be any detrimental effect on pump?
If so, what effect?

No. of tons of gravel installed in well:

Give any additional data which may be of future value:
Pipe has a 3-ft. cement plug at bottom.
Annular space filled with sand.
Elevation is 60 feet.

Driller must fill in report as work progresses and report must be complete for his successor.

Date of report: January 13, 1970

Driller
Wayland Evans
Hi Charlie,

Can you please fax over the Well Completion Report for:

State Well No. 5228-14
Well Name: Maui High School
TMK: 3-8-007:098

We'll be pulling the unit next week and need information on the well.

Thanks in advance,

Toni Gonsalves
Project Manager
Division of Water and Land Development
Department of Land and Natural Resources
State of Hawaii
P. O. Box 373
Honolulu, Hawaii 96809

Attention: Mr. Robert T. Chuck, Manager-Chief Engineer

Gentlemen:

We enclose, for your records, drilling logs of the following wells recently drilled:

1. Well at Maui High & Intermediate School, Kahului, Maui for Fong Construction Co., Ltd., Kahului, Maui

2. Well for Watercress of Hawaii, Inc. at Pearl City, Oahu, Hawaii.

Very truly yours,

ROSCOE MOSS COMPANY

Loran H. Runnells
District Manager

LHR: hs
Encl
August 26, 1970

Department of Land and Natural Resources  
Division of Land Management  
P. O. Box 621  
Honolulu, Hawaii  96809

Dear Mr. Detor:

SUBJECT: Well & Irrigation System, New Maui High & Intermediate School, Kahului, Maui

Please be informed that DAGS is administering the construction phase of the subject project.

By copy of this letter, it is requested that DAGS submit to your department the records requested by your letter of August 19, 1970.

Yours very truly,

[Signature]

Shoma Hotta

cc  
DAGS w/copy of Dept. of Land & Natural Resources letter.
Mr. James J. Detor  
Program Administrator  
Land Management Division  
Department of Land &  
Natural Resources  
Honolulu, Hawaii  

Dear Mr. Detor:

Subject: Maui High School Site Improvement  
D.A.G.S. Job No. 05-16-5169.2  
"Well and Irrigation System"

Reference is made to your letter dated August 19, 1970 to S. Hotta & Associates requesting that a copy of the well records be furnished for the subject project.

The following available data are attached for your information and files:

1. Water Analysis for chloride content.
2. Daily Construction Report showing description of construction activities.

Should there be any questions, please call on us:

Very truly yours,

RIKIO NISHIOKA  
State Public Works Engineer

JN/dat  
Attach.
Your water sample marked Maui Hi School Site Irrigation Well was analyzed and the chloride content is:

14.8 grains/gal.
December 18, 1969

County of Maui
Department of Public Works
Building Division
Wailuku, Hawaii 96793

Attention: Mr. Andrew Nakashima

Gentlemen:

Water Well Sample
Site Improvements - New Maui High & Intermediate School
D.A.G.S. Job No. 05-16-5169.2

In accordance with the requirement of Section 7.3.1 of the specifications a well water sample was taken at 11:20 a.m. Wednesday, December 17, 1969 and taken to the Puunene Mill laboratory of H.C. & S. Co. for testing to determine chloride content. A chloride content analysis was made by laboratory personnel under the direction of Mr. K. Sumida. The results are contained in the attached report.

Yours very truly,

FONG CONSTRUCTION CO., LTD.

Daniel P. S. Fong
President

Encl.
DAILY CONSTRUCTION REPORT

Site Improvement
Project: Maui High & Intermediate
Contract: Fong Construction Co.
Contract No.: 12009

Contract: 05-16-5160.2

Job No.:

Date: Dec. 29, 30, 31, 1969

Description of Construction Activities:

Dec. 29
1 Heavy Equip Operator: Dig Trench, Sewer
1 Heavy Equip Operator: Grading
2 Men: Lay Sewer Line
5 Laborers
2 Well Diggers: Drill thru Conc. Plug to 88' (-30') Depth.

Dec. 30
1 Heavy Equip Operator: Dig Trench, Sewer
2 Men: Lay Sewer Line
3 Laborers
2 Well Diggers: 'Test Pump' Well at 351 GPM.

Dec. 31
1 Heavy Equip Operator: Dig Trench, Sewer
2 Men: Lay Sewer Line
3 Laborers
2 Well Diggers: 'Down' Rig, Heavy Equip, & Clean up.

Remarks:

No. of Men Employed

Carpenters ______ Laborers ______
Plumbers ______ Painters ______
Electricians ______ Masons ______

Remarks:

Weather Condition ___________ By A. Nakamura
Project Inspector
BUILDING INSPECTION DIVISION
DEPARTMENT OF PUBLIC WORKS
COUNTY OF MAUI

DAILY CONSTRUCTION REPORT

Project: Maui High & Intermediate
Contract No. 12099

Contractor: Pong Construction Co.
Job No. 05-16-5169.2

Date Dec. 22 thru Dec. 26, 1969

Description of Construction Activities:

Dec. 22
1 Heavy Equip Operator: Grading
1 Heavy Equip Operator: Dig Trench, Sewer.
2 Laborers
1 Surveyor, 1 Rodman: Check grade pins

Dec. 23
2 Heavy Equip Operators: Dig Trench, Sewer.
2 Men: Lay Sewer Line
2 Laborers

Dec. 24
2 Heavy Equip Operators: Dig Trench, Sewer
2 Men: Lay Sewer Line
1 Laborer

Dec. 25
Holiday, Christmas

Dec. 26
Holiday

Remarks:

No. of Men Employed

Carpenters __________ Laborers __________
Plumbers __________ Painters __________
Electricians __________ Masons __________

Remarks:

Weather Condition __________ By __________

Project Inspector
BUILDING INSPECTION DIVISION
DEPARTMENT OF PUBLIC WORKS
COUNTY OF MAUI

DAILY CONSTRUCTION REPORT

Project: Maui High & Intermediate
Contract No. 12099

Contractor: Fong Construction Co.
Job No. 05-16-5169.2

Site Improvement

Date Dec. 15 thru Dec. 19, 1969

Description of Construction Activities:

Dec. 15  2 Heavy Equip Operators: Grading
       2 Well Diggers: Dig Well, to 40' Depth

Dec. 16  1 Heavy Equip Operator: Dig trench for Sewer Line
       3 Laborers
       1 Supervisor
       2 Well Diggers: Dig Well, to 52' Depth

Dec. 17  Trench Digger Break-down: No Workers
       2 Well Diggers: Dig Well, to 71' Depth. Test water for
       Chlorine content at HC&S Lab. 14.8% Chlorine content.
       Install Well casing.

Dec. 18  Trench Digger Break-down: No Workers
       2 Well Diggers: Install Well casing, Etc.

Dec. 19  1 Heavy Equip Operator: Dig trench for Sewer Line
       2 Laborers
       1 Supervisor
       2 Well Diggers: Misc. only, Bailer for well did not arrive
       on barge, cannot continue to install conc. plug.

Remarks:

<table>
<thead>
<tr>
<th>No. of Men Employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpenters</td>
</tr>
<tr>
<td>Plumbers</td>
</tr>
<tr>
<td>Electricians</td>
</tr>
<tr>
<td>Laborers</td>
</tr>
<tr>
<td>Painters</td>
</tr>
<tr>
<td>Masons</td>
</tr>
</tbody>
</table>

Remarks:

Weather Condition By A. Nakashima