Kahului Irrigation Well

TMK 3-8-07-97

PROJECT SITE

Baldwin High School

Kaumualii Community College

Kahului Shopping Center

Map

Vicinity Map
February 27, 1987

2180 Main St., Suite 101-A
Wailuku, Maui, Hawaii 96793

Gentlemen:

Thank you for the two sets of as-built drawings for the Kahului Community Park irrigation well (State Well No. 5328-49) and the Luana Gardens II and III irrigation wells (State Well Nos. 5228-17 and 18).

We appreciate your cooperation in submitting well records which help us manage the ground water resources of our State.

Sincerely,

MANABU TAGOMORI
Manager-Chief Engineer

ES:ko
Date of report: 11/05/86
Person filing report: Loran H. Runnells

A. OWNER: Maui County
NAME: Kahului Irrigation Well
ISLAND: Maui

B. GENERAL LOCATION

C. DRILLING COMPANY: Roscoe Moss Co.

D. TYPE OF RIG: 24b
DRILLING COMPLETED: 10/86
DRILLER: Jerry Bourn

E. ELEVATION, msl: Top of drilling platform 53.86 ft. Bench mark and method used to determine
Height of drilling platform above ground surface 0 ft. elevation:

F. HOLE SIZE: 12 inch dia. to 107 ft. below drilling platform.

G. CASING INSTALLED: 8 in. I.D. x .322 in. wall solid section to 55 ft. below drilling platform. 8 in. I.D. x .322 in. wall perforated section to 71.70 ft. below drilling platform.

H. ANNULUS: Grouted 0 ft. to 50 ft. below drilling platform.
Gravel packed ft. to ft. below drilling platform.

I. PERMANENT PUMP INSTALLATION:
- Pump type, make, serial no.: Layne 6RK1C
- Motor type, H.P., voltage, r.p.m.: Hitachi 6" 25HP 3450 RPM 208 volts.
- Depth of pump intake setting: -8 ft. below Pump base which elevation is 51.5 ft.
- Depth of bottom of airline: -5 ft. below which elevation is 51.5 ft.

J. INITIAL WATER LEVEL: ft. below drilling platform, Date of measurement.
K. INITIAL CHLORIDE: ppm, total depth of well ft. below drilling platform

L. PUMPING TESTS:
Reference point (R.P.) used: which elevation is ft.
Date: August 27, 1986
Start water level: 51.33 ft. below R. P.
End water level: ft. below R. P.
Depth of well: 107 ft. below R. P.

M. DRILLER'S LOG:

<table>
<thead>
<tr>
<th>Depth, ft.</th>
<th>Rock Description &amp; Remarks</th>
<th>Water Level</th>
<th>Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 2</td>
<td>Sand</td>
<td>85 to 91</td>
<td>Red cinders</td>
</tr>
<tr>
<td>2 to 11</td>
<td>Brown sand</td>
<td>91 to 103</td>
<td>AA Blue</td>
</tr>
<tr>
<td>11 to 28</td>
<td>Red mud</td>
<td>103 to 107</td>
<td>Redish blue clinkers</td>
</tr>
<tr>
<td>28 to 44</td>
<td>Light brown rock</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>44 to 47</td>
<td>AA Layer</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>47 to 53</td>
<td>Light brown cinders</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>53 to 57</td>
<td>Gray AA</td>
<td>to</td>
<td>“Kahului Community”</td>
</tr>
<tr>
<td>57 to 73</td>
<td>Redish brown cinders</td>
<td>to</td>
<td>Park Well</td>
</tr>
<tr>
<td>73 to 77</td>
<td>AA Layer</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>77 to 81</td>
<td>Clinkers</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>81 to 85</td>
<td>AA sand</td>
<td>to</td>
<td>to</td>
</tr>
</tbody>
</table>

N. REMARKS:

FOR OFFICIAL USE
Latitude: 20°53'03"
Longitude: 156°28'54"
Well No.: 5328 - 49

FOR DRILLER'S USE
Job Name: _______________________
Job No. _______________________

INSTRUCTIONS: Send three (3) copies to: Manager-Chief Engineer, Division of Water and Land Development, P. O. Box 318, Honolulu, Hawaii 96809.

- As Built -
(Jan. 5, 1987)

Gualdo M. Gato & Associates

TOTAL DEPTH TO BE DETERMINED IN FIELD

MINIMUM I.D. CASING

CEMENT BASKET

MIN. G.L. EL. = 0

B. MINIMUM I.D. CASING

CASING SHOE

BOTTOM OF Cased WELL

EL. = -15'

6" MIN.

EL. = -30'

H.C.B. OR
3. GROUT ALL
1:3 MORTAR

ADDITIONAL OPEN HOLE IF REQUIRED BY ENGINEER

SECTION THRU WELL

N.T.S.

WELL NO. 5928-49

SECTION AT

N.T.S.
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
P. O. BOX 621
HONOLULU, HAWAII 96809

WELL DRILLING PERMIT
for
Kahului Community Park Irrigation Well
State Well No. 5328-49
Kahului, Maui, Hawaii

TO: Department of Parks and Recreation
County of Maui
200 South High Street
Wailuku, Maui, Hawaii 96793

In accordance with Chapter 166 of Title 13, "Rules for the Control of Ground Water Use in the State of Hawaii", your application to drill an irrigation well (State Well No. 5328-49) at Kahului Community Park, Tax Map Key 3-8-07:97, is approved subject to the following conditions:

1. A Driller's Well Completion Report (form enclosed) shall be submitted to the Division of Water and Land Development within 60 days after completion of the well.

2. Pumping test data shall be submitted to the Division of Water and Land Development within 60 days after testing of the well.

3. Monthly reports of pumpage shall be submitted after the well is put into production.

4. An "as-built" drawing of the well and a map showing the exact location of the well shall be submitted within 60 days after completion of the well.

5. Fifty feet of cement grout instead of the 20 feet shall be installed as indicated in red on the attached copy of your application.

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

5/19/86
Date of Issuance

SUSUMU ONO
Chairperson of the Board

Enc. (Driller's Well Completion Report & Application)
cc: USGS w/App.
Dept. of Health, Drinking Water Program w/App.
Maui DWS w/App.
April 28, 1986

Department of Land and Natural Resources
State of Hawaii
P. O. Box 373
Honolulu, Hawaii 96809

Dear Sir:

Subject: Kahului Community Park Irrigation Well Project
TMK: 3-8-07: 97, Kahului, Maui, Hawaii

Enclosed for your consideration is the Well Drilling Permit Application for the Kahului Community Park Irrigation Well Project.

Please contact Mr. Masaru Abe of the Department of Parks and Recreation at 244-9018 if you have any questions.

Very truly yours,

Stacy A. Otomo

cc: Masaru Abe w/encls.
Honolulu office w/encls.
APPLICATION FOR (check one)

☐ WELL DRILLING PERMIT  ☐ WELL MODIFICATION PERMIT

Instructions: Send completed application and attachments to Department of Land and Natural Resources, P.O. Box 373, Honolulu, Hawaii 96809.

Reference: Regulation 9, Dept. of Land & Natural Resources.

Is the well located in a Designated Ground Water Control Area?  Yes  ☒ No

If "yes", application must be accompanied by a Water Use and/or Water Supply Permit and a non-refundable filing fee of $100 payable to the Department of Land & Natural Resources. However, if application is for minor modification of the well, filing fee may be waived. If "no", no filing fee is required. Filing fee is waived for federal, state, and county government agencies.

1. WELL LOCATION: Island Maui  Tax Map Key 3-9-07: 97. Attach a plot plan showing well location referenced to established property boundaries.

2. WATER USER County of Maui  Telephone 244-9018

   Address 200 South High Street, Wailuku, Hawaii

   Zip Code 96793

3. PROPOSED DRILLING COMPANY:  Not Yet Selected

4. PROPOSED WORK:  ☒ Drill new well  ☒ Deepen  ☒ Redrill  ☒ Alter  ☒ Seal

   ☐ Abandon  ☐ Install new pump  ☐ Replace pump  ☐ Modify pump

   Fill in the diagram and briefly describe the proposed work (use back of form if necessary):

   The action consists of the drilling of an irrigation well and the installation of an electrical pump, irrigation line and control equipment for Kahului Community Park facility in Kahului, Maui. The well facilities will be connected to the existing irrigation system & will be sized to meet the site's current irrigation water requirements.

5. PROPOSED USE:  ☒ Municipal  ☒ Military  ☐ Agriculture  ☒ Industrial

   ☐ Domestic  ☒ Disposal  ☐ Other (specify)  ☒ Park Irrigation

6. PROPOSED AMOUNT OF WITHDRAWAL: Check most appropriate box and fill in amount.

   ☐ Daily 60,000 gallons  ☐ Monthly gallons  ☐ Yearly gallons

7. PROPOSED PUMP OR FLOW CAPACITY:  200 gallons per minute

Signature:  Maui County

Water User  Date: 4/21/86

Signature:  Honaii Lava

Landowner of Well Site  Date: 4/24/86
KAHULUI COMMUNITY PARK
IRRIGATION WELL PROJECT
<table>
<thead>
<tr>
<th>TO</th>
<th>INITIAL</th>
<th>PLEASE</th>
<th>REMARKS</th>
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<tr>
<td></td>
<td></td>
<td>T. FUJII</td>
<td>See Me</td>
</tr>
<tr>
<td></td>
<td>✓</td>
<td>D. Lum</td>
<td>Call</td>
</tr>
<tr>
<td>✓</td>
<td>12</td>
<td>E. Sakoda</td>
<td>Review &amp; Comment</td>
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<tr>
<td></td>
<td></td>
<td>D. Nakano</td>
<td>Take Action</td>
</tr>
<tr>
<td></td>
<td></td>
<td>J. Menor</td>
<td>Investigate &amp; Report</td>
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<tr>
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<td>M. Ohye</td>
<td>Draft Reply</td>
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<tr>
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<td>N. Kaneshiro</td>
<td>Acknowledge Receipt</td>
</tr>
<tr>
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<td>S. Miyamoto</td>
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<td>Type Final cc:</td>
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<td>D. Hamada</td>
<td>File</td>
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<td>K. Oshiro</td>
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<tr>
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<td></td>
<td>M. Tagomori</td>
<td>Approval</td>
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<tr>
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<td>H. Sakai</td>
<td>Signature</td>
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<tr>
<td></td>
<td></td>
<td>H. Morimatsu</td>
<td>Information</td>
</tr>
<tr>
<td></td>
<td></td>
<td>J. Sato</td>
<td>FOR YOUR:</td>
</tr>
</tbody>
</table>

FOR YOUR:

Approval
Signature
Information
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County of Maui  
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