PUNA GEOTHERMAL VENTURES

C.D. SLOW - NOTIFICATION FOR VENTING
State of Hawai‘i  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

April 22, 1991  

JOB NO. Puna Fishpens, Wailuku  
CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES  

The work on well 140-0 is progressing very well, but  
approximately one (1) week of work remains to complete.  

Materials

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<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Equipment (Hours)

Remarks:

Weather: Good

Payroll for Week Ending

Payroll Amount

No. of Men: 

Submitted by:
State of Hawai‘i  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

April 18, 1991

JOB NO. Puwa Geothermal Ventures  
CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

They have arrived for Permit to Have a Second Drill  
Rig on Location for Noise and Emission Standards

Materials

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<th>Item</th>
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<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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Equipment (Hours)

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<th>Item</th>
<th>Hours Used</th>
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Remarks:

Weather: Good  

Payroll for Week Ending ___________________________  
Payroll Amount ___________________________  
No. of Men: ___________________________

Submitted by: [Signature]

[Handwritten notes and signatures]
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

Report No. _____________  

JOB NO. ___________  
CONTRACTOR: ____________  

DESCRIPTION OF CONSTRUCTION ACTIVITIES  

The site contractor started work on well No. "O"  
on Saturday (4-13-91) and the expected time to complete  
in two (2) weeks.  

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<thead>
<tr>
<th>Materials</th>
<th>Equipment (Hours)</th>
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Remarks:  

Weather:            

Payroll for Week Ending  
Payroll Amount  
No. of Men:  

Submitted by: ___________
JOB NO. Puna Geothermal Ventures   CONTRACTOR: 

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The drillers on the water monitoring well to this land.

At a depth of 440', they are preparing to run casing into the hill.

Materials Equipment (Hours)

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<thead>
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<th>Item</th>
<th>Rec'd</th>
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<th>Type</th>
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Remarks:

Weather: Good

Payroll for Week Ending

Payroll Amount

No. of Men: 

Submitted by:
**State of Hawaii**
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

**DAILY CONSTRUCTION REPORT**

**JOB NO.** Puna Geothermal Venture  
**CONTRACTOR:**

---

**DESCRIPTION OF CONSTRUCTION ACTIVITIES**

The Water Monitoring Well Rig started drilling this morning on the well pad near Landina Gardens Subdivision.

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<th>Materials</th>
<th>Equipment (Hours)</th>
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**Remarks:**

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**Weather:** Rain

**Payroll for Week Ending**

**Payroll Amount**

**No. of Men:**

Submitted by:

Eun Ouch
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

January 3, 1991

JOB NO. Paia Geothermal Ventures
CONTRACTOR: ________________________________

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The baffle wall rig moved to new location for the
water monitoring wall near the Laoaina Garden
Survey of the condenser work on the pump plant

Materials

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Remarks:

Weather: Good

Payroll for Week Ending __________________________ Payroll Amount ________________

No. of Men: __________________________

Submitted by: __________________________
PUNA GEOTHERMAL VENTURES

Power Plant Foundation Work in Foreground and Dwell Reg in Back
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

December 28, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR: ________________________________

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The water well drillers are rigging the water pump down the hole. As of 2:45 P.M.,
they were at a depth of approx 300' with the pump.

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<th>Materials</th>
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Remarks:

Weather: Good

Payroll for Week Ending __________________________

Payroll Amount __________________________

No. of Men: __________________________

Submitted by: __________________________
Report No. 

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

December 20, 1990

JOB NO. Puna Geothermal Ventures CONTRACTOR: 

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors working on the site work and the power plant. The water well drilling operation is complete at this time and the drillers are rigging down the drill rig.

Materials Equipment (Hours)

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<th>Item</th>
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Remarks:

Weather: Rain

Payroll for Week Ending Payroll Amount

No. of Men: 

Submitted by: 

Signature:
DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors working on the site work and the power plant. The water well rig drilling out cement on the bottom of the well. The cement baskets were originally set at a depth of 500' but the cement seeped through and filled up the wellbore.

Materials

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Equipment (Hours)

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Remarks:

Weather: Rain

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:
Report No. ____

State of Hawaii

DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

December 17, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors working on the site work and the foundation formwork for the power plant and the electrical switching station. The metal workers are starting to erect the cooling tower frames. The water well rig drilling out cement that got into the open hole portion of the well. The cement baskets did not catch the cement from going into the bottom of the well with the perforated casing.

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### Equipment (Hours)

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Remarks:

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Weather: Rain

Payroll for Week Ending: 

Payroll Amount: 

No. of Men: 

Submitted by:
JOB NO. Puna Geothermal Ventures  CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors are working on the site work and the formwork for the foundations for the power plant and the electrical switching station. The water well rig reaming the 10" hole with a 17¼" reamer.

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<th>Item</th>
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Remarks:

Weather: Rain

Payroll for Week Ending Payroll Amount

No. of Men: 

Submitted by:
The contractors are working on the site work and the formwork for the power plant and the electrical switching station. The water well rig reaming the 10" hole with a 17½" reamer.

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<th>Item</th>
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Remarks:

Weather: Rain

Payroll for Week Ending ___________ Payroll Amount ___________

No. of Men: ___________

Submitted by: ___________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

December 11, 1990

JOB NO. Puna Geothermal Ventures

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors working on the site work and the formwork for the power plant and the electrical switching station. The water well rig reaming the 10" hole with a 17½" reamer at this time.

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<th>Materials</th>
<th>Equipment (Hours)</th>
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<td>Item</td>
<td>Rec'd</td>
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Remarks:

Weather: Good

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by: [Signature]
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  
December 10, 1990  

JOB NO. Puna Geothermal Ventures  
CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES  
The contractor's work on the site work and the formwork for the foundations for the power plant and the electrical switching station. The water well rig reaming at a depth of 380' with a 17½" reamer.

<table>
<thead>
<tr>
<th>Materials</th>
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Remarks:

Weather: Good

Payroll for Week Ending ________________ Payroll Amount ________________

No. of Men: ________________

Submitted by: ____________________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

December 7, 1990

JOB NO. Puna Geothermal Ventures
CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractor working on the site work and the formwork for the foundations for the power plant and the electrical switching station. The water well rig reaming the hole with an 17½" reamer at this time.

Materials

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<th>Item</th>
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Equipment (Hours)

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<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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Remarks:

Weather: Good

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:
DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors working on the site work and the forwork for the foundations for the power plant and the electrical switching station. The water well rig reaming the 10" hole with a 17½" reamer.

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Materials

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<th>Item</th>
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<th>Hours Used</th>
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Equipment (Hours)

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<th>Type</th>
<th>Hours Used</th>
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Remarks:

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Weather: Good

Payroll for Week Ending: __________________________ Payroll Amount: __________________________
No. of Men: __________________________

Submitted by: __________________________
JOB NO. Puna Geothermal Ventures

DESCRIPTION OF CONSTRUCTION ACTIVITIES
The contractors working on the site work and the formwork for the foundations for the power plant and the switching station. The water well rig reaming the hole to 17½".

Materials

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<th>Item</th>
<th>Rec'd</th>
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Equipment (Hours)

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Remarks:

Weather: Good

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

December 3, 1990

JOB NO. Puna Geothermal Ventures

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors working the site work and the formwork for the foundations for the power plant and the electrical switching station. The water well rig TD the well at a depth of 680' with a 10" bit. The water level at a depth of 601'. The drillers are in preparation to run casing into the hole for the cement job.

<table>
<thead>
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<th>Materials</th>
<th>Equipment (Hours)</th>
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<td>Item</td>
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Remarks:

Weather: Good

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

November 30, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors are working on the site and formworks for the foundation of the power plant and the electrical switching station. The water well rig at a depth of approx 650' with 10" bit. They have hit the water table and have done a vacuum test. They pulled 24" of vacuum from the well.

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Remarks:

Weather: Good

Payroll for Week Ending ____________________________ Payroll Amount ____________________________

No. of Men: ____________________________

Submitted by: ____________________________
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

November 29, 1990

JOB NO. Puna Geothermal Ventures CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors working on the site work and the formwork for the foundations for the power plant and the switching station. The water well rig at approx 480' with 10" bit.

Materials Equipment (Hours)

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<th>Item</th>
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Remarks:

Weather: Good

Payroll for Week Ending ___________________  Payroll Amount ___________________  
_________________  No. of Men: ___________________

Submitted by: ___________________
DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractor working on the site work and the formwork for the foundations for the power plant and the electrical switching station. The water well rig on the construction yard cemented the hole due to a ledge that they encountered at a depth of 400'. After waiting on the concrete to harden they started to drill ahead.

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<th>Item</th>
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<th>Hours Used</th>
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Remarks:

Weather: Rain

Payroll for Week Ending __________________________ Payroll Amount __________________________

No. of Men: __________________________

Submitted by: __________________________
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

November 27, 1990

JOB NO. Puna Geothermal Ventures  
CONTRACTOR: ____________________________

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors are working on the site work and the formwork for the foundation for the power plant and the switching station. The Water Well Rig on the Construction Yard Area at a depth of 400' with 10" bit.

Materials  
Equipment (Hours)

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<th>Item</th>
<th>Rec'd</th>
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Remarks:

Weather: Rain

Payroll for Week Ending __________________________ Payroll Amount __________________________

No. of Men: __________________________

Submitted by: __________________________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

November 23, 1990

JOB NO. Puna Geothermal Ventures
CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractors are working on the site work and the form work for the foundations for the power plant and the electrical switching station. The water well rig on the construction yard area at a depth of 332'.

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<thead>
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Remarks:

Weather: Rain

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:
PUNA GEOTHERMAL VENTURES

Water Monitoring Well
(Auger Drill Rig)
PUNA GEOTHERMAL VENTURES

Well Pad "E"
Reserve Pit
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

November 20, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractor working on the site work and the form work for the power plant and the switching station foundation. The water well rig drill on.

Materials

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<th>Item</th>
<th>Rec'd</th>
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<th>Hours Used</th>
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Remarks:

Weather: Rain

Payroll for Week Ending: ____________

Payroll Amount: ____________

No. of Men: ____________

Submitted by: ____________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

November 19, 1990

JOB NO. Puna Geothermal Ventures
CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractor working on the site and also working on the formwork for the power plant and switching station foundation. The water well rig started drilling the water monitoring well this morning.

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Material Equipment (Hours)

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Remarks:

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Weather: Rain

Payroll for Week Ending: Payroll Amount

No. of Men: Submitted by:
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

November 16, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor and the general contractor working on the site and also doing formwork for the foundation for the power plant and the switching station.

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<th>Materials</th>
<th>Equipment (Hours)</th>
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Remarks:

Weather: Rain

Payroll for Week Ending

Payroll Amount

No. of Men: __________

Submitted by: __________
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

November 15, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractor working on the site work and also doing formwork for the foundations for the power plant and the switching station.

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Materials | Equipment (Hours) |
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Remarks:

Weather: Rain

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:
Report No. __________

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

November 14, 1990

JOB NO. Puna Geothermal Ventures	CONTRACTOR: _______________

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The contractor working on the site work for various locations and the formwork for the power plant and the switching station. The drill rig for the water well to start drilling sometime tomorrow.

Materials	Equipment (Hours)

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Remarks:

Weather: Rain

Payroll for Week Ending __________

Payroll Amount __________

No. of Men: __________

Submitted by: _______________

[Signature]
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

November 9, 1990

JOB NO. Puna Geothermal Ventures CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area, Wellpad "A", "F", and the switching station. The general contractor doing formwork for the power plant and the switching station. The rotary drill rig rigging up on the water well on the construction yard.

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Remarks:

Weather: Good

Payroll for Week Ending ____________________________ Payroll Amount ________________________________

No. of Men: ________________________

Submitted by: ____________________________
DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area, Wellpad "A", "F", and the switching station area. The general contractor working on the foundations for the power plant and the switching station. The rotary drill rig rigging up for the water well on the construction yard.

Materials

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Remarks:

Weather: Good

Payroll for Week Ending ____________________________ Payroll Amount ____________________________

No. of Men: ____________________________

Submitted by: ____________________________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

November 7, 1990

JOB NO. Punu Geothermal Ventures

CONTRACTOR: ____________________________

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area, Wellpad "A", "F", and the switching station area. The general contractor working on the foundations for the power plant.

A rotary drill rig rigging up to drill the water well on the construction yard.

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<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</tbody>
</table>

Remarks:

Weather: Good

Payroll for Week Ending ____________________________ Payroll Amount ____________________________

No. of Men: ____________________________

Submitted by: ____________________________
JOB NO. Puna Geothermal Ventures  
CONTRACTOR:  

DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  
November 5, 1990  

DESCRIPTION OF CONSTRUCTION ACTIVITIES  
The site contractor working on the power plant area, Wellpad "A", "F", and switching station area. The general contractor started to dig for the foundations for the power plant.  

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Remarks:  

Weather: Rain  
Payroll for Week Ending  
Payroll Amount  
No. of Men:  

Submitted by:  


State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

October 26, 1990  

JOB NO. Puna Geothermal Ventures  
CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES  
The contractor working on the site work for the project. The contractor also started laying out for the foundations for the power plant area. Parker Drilling Company assembling the drill rig on Wellpad "E".  

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<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</tbody>
</table>

Remarks:  

Weather: Good  

Payroll for Week Ending:  
Payroll Amount:  
No. of Men:  

Submitted by:
Report No. _____

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 25, 1990

JOB NO. Puna Geothermal Ventures
CONTRACTOR: 

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the Construction Yard, Wellpad "A", F, the Power Plant Area, and the Switching Station Area. Parker Drilling Company assembling the drill rig on Wellpad "E".

Materials

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</thead>
</table>

设备 (小时)

<table>
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<tr>
<th>Item</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Remarks:

Weather: Good

Payroll for Week Ending ______________ Payroll Amount ______________
No. of Men: ______________

Submitted by: __________________________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 24, 1990

JOB NO. Puna Geothermal Ventures CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on Wellpad "A", "F", The Power Plant Area, and the Switching station area. Parker Drilling Company assembling the rig on Wellpad "E".

<table>
<thead>
<tr>
<th>Materials</th>
<th>Equipment (Hours)</th>
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<tbody>
<tr>
<td>Item</td>
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</table>

Remarks: There were noise complaints from Steve Phillips and Robert Pettrici and noise monitors recorded only noise of 40 DB during the night. The PGV staff went to talk to both parties to give them the reading. They will also put sound blankets on the generation plants to bring the noise level down.

Weather: Good

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 23, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on Wellpad "A", "F", Power Plant Area, and the Switching Station Area. Parker Drilling Company assembling the drill rig on Wellpad "E".

<table>
<thead>
<tr>
<th>Materials</th>
<th>Equipment (Hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item Rec'd Used</td>
<td>Hours Used Type</td>
</tr>
</tbody>
</table>

Remarks:

Weather: Good

Payroll for Week Ending付给

Payroll Amount

No. of Men:

Submitted by:
STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

JOB NO. Puna Geothermal Ventures  
CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES  
The site contractor working on Wellpad "A", "F", the power plant area, and the switching station. The general contractor working on wellpad "E". Parker Drilling Company working on assembling the drill rig on Wellpad "E".  

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</table>

Remarks:  

Weather: Good  

Payroll for Week Ending  

Payroll Amount  

No. of Men:  

Submitted by: [Signature]
DAILY CONSTRUCTION REPORT

October 19, 1990

JOB NO. Puna Geothermal Ventures
CONTRACTOR: ________________________________

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on wellpad "A", "F", power plant area, and the switching station. Parker drilling company assembling the drill rig on wellpad "E".

<table>
<thead>
<tr>
<th>Materials</th>
<th>Equipment (Hours)</th>
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<tbody>
<tr>
<td>Item</td>
<td>Rec'd</td>
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</table>

Remarks:

Weather: Rain

Payroll for Week Ending ________________________ Payroll Amount ________________________

No. of Men: ________________________

Submitted by: ________________________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 18, 1990

Job No. Puna Geothermal Ventures

Contractor:

Description of Construction Activities

The site contractor working on the power plant area, Well Pad "A", Wellpad "F", and the switching station area. The general contractor working on the well cellars for KS #4, #5, #6. Parker Drilling Company Started to assemble Rig #231 on Wellpad "E".

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Remarks:

Weather: Rain

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:

[Signature]
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

October 17, 1990  

JOB NO. Puna Geothermal Ventures  
CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES  
The site contractor working on the power plant area and the general contractor working  
on the well cellars for KS #4, #5, & #6 on well pad "E". Parker Drilling Company  
started to move in Rig #231 to WellPad "E".  

Materials

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Remarks:

Weather: Rain  
Payroll for Week Ending:  
Payroll Amount:  
No. of Men:  

Submitted by: Ein [Signature]
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 15, 1990

JOB NO.: Puna Geothermal Ventures
CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area and the general contractor working on the well cellars for Wellpad "E".

<table>
<thead>
<tr>
<th>Materials</th>
<th>Equipment (Hours)</th>
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</thead>
<tbody>
<tr>
<td>Item</td>
<td>Rec'd</td>
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</table>

Remarks:

Weather: Good

Payroll for Week Ending __________________________ Payroll Amount __________________________
No. of Men: __________________________

Submitted by: __________________________
DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area and the general contractor working on the well cellars for Wellpad "E". The drillers completed cementing the conductor pipe on the water monitoring water well. Pictures to follow.

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Materials

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</table>

Equipment (Hours)

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<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
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</tbody>
</table>

Remarks:

Weather: Good

Payroll for Week Ending: ____________ Payroll Amount: ____________

No. of Men: ____________

Submitted by: ___________________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 11, 1990

JOB NO. Puna Geothermal Ventures
CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area and the General Contractor working on the well cellars on Wellpad "E".

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Remarks:

Weather: Rain

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:

[Signature]
DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area and the general contractor working on the well cellars on Well-Pad "E".

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Remarks:

Weather: Good

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:
Report No. ____

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 9, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR: ________________________________

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area and the general contractor working on concrete forms for the well cellars on well pad "E".

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</thead>
</table>

Remarks: ____________________________

Weather: Good

Payroll for Week Ending ____________ Payroll Amount ______________________

No. of Men: _______________________

Submitted by: ______________________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 8, 1990

JOB NO. Puna Geothermal Ventures  CONTRACTOR: ____________________________

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area. The general contractor started working on the well cellars on Wellpad "E".

Materials

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Equipment (Hours)

Remarks:

Weather: Little rain

Payroll for Week Ending ____________________ Payroll Amount ____________________

No. of Men: ____________________

Submitted by: ____________________
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

October 5, 1990  

JOB NO.  Puna Geothermal Ventures  
CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES  
The site contractor working on the power plant area. The general contractor to use explosives to blast for the well cellars in the Wellpad "E".  

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<th>Item</th>
<th>Rec'd</th>
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Remarks:  

Weather:  Good  

Payroll for Week Ending  
Payroll Amount  
No. of Men:  

Submitted by:  

 Signature  

 Eric Ander
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 4, 1990

JOB NO. Puna Geothermal Ventures

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area. The water well drillers drilled to a depth of 50' and are preparing to set 14" conductor pipe into the hole.

Materials

<table>
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<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
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</thead>
</table>

Equipment (Hours)

<table>
<thead>
<tr>
<th>Type</th>
<th>REEVED</th>
</tr>
</thead>
</table>

Remarks:

Weather: Good

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

October 3, 1990  

JOB NO. Puna Geothermal Ventures  
CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES  
The site contractor working on the power plant area.  


<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</table>

Remarks: Note: Puna Geothermal Ventures received the County GRP only yesterday, dated 10-2-90.  

Weather: Rain  

Payroll for Week Ending  
Payroll Amount  

No. of Men:  

Submitted by: [Signature]
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 2, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area.

Materials

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd + Used</th>
<th>Hours Used</th>
</tr>
</thead>
</table>

Equipment (Hours)

| Type | AUD. S6 |

Remarks:

Weather: Good

Payroll for Week Ending Payroll Amount

No. of Men:

Submitted by:
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

October 1, 1990

JOB NO. Puna Geothermal Ventures CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area.

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec’d</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Remarks:

Weather: Rain

Payroll for Week Ending ______________________ Payroll Amount ______________________

No. of Men: ______________________

Submitted by: ______________________
PUNA GEOTHERMAL VENTURES

Construction Yard

[Two images of a construction yard with cloudy skies and an open field.]
PUNA GEOTHERMAL VENTURES

Wellpad "E"
PUNA GEOTHERMAL VENTURES

HGPA Monitor Station
PUNA GEOTHERMAL VENTURES

Lanipuna Monitor Station
DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the power plant area. Approx. 70% complete.

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</thead>
</table>

Remarks:

Weather: Good

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

September 27, 1990

JOB NO. Puna Geothermal Ventures
CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on power plant area.

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Materials Equipment (Hours)

<table>
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<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</table>

Remarks:

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Weather: Good

Payroll for Week Ending __________________________ Payroll Amount ________________

No. of Men: __________________________

Submitted by: __________________________

Report No. _______
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

September 26, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the Power Plant Area.

Materials Equipment (Hours)

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</thead>
</table>

Remarks: The drilling operation at the water well location was suspended to Friday September 28, 1990.

Weather: Good

Payroll for Week Ending ___________________________  Payroll Amount ___________________________

No. of Men: ___________________________

Submitted by: ___________________________
DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on the Power Plant Area.

Materials

<table>
<thead>
<tr>
<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
</tr>
</thead>
</table>

Equipment (Hours)

Remarks: The water well drill rig on location.

Weather: Good

Payroll for Week Ending ____________________________ Payroll Amount ____________________________

No. of Men: ____________________________

Submitted by: ____________________________
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

September 24, 1990  

JOB NO. Puna Geothermal Ventures  
CONTRACTOR:         

DESCRIPTION OF CONSTRUCTION ACTIVITIES  
The Site Contractor working on the Power Plant Area.   

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<th>Materials</th>
<th>Equipment (Hours)</th>
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Remarks: They should be starting the water sometime tomorrow, on the Construction Area Pad.  

Weather: Good  

Payroll for Week Ending  
Payroll Amount  
No. of Men:  

Submitted by:  

[Signature]
DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on Power Plant Area.

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Remarks:

Weather: Rain

Payroll for Week Ending ___________________  Payroll Amount ___________________

No. of Men: ___________________

Submitted by: ___________________
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

September 20, 1990  

JOB NO. Puna Geothermal Ventures  
CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES  
The site contractor will be complete with Wellpad "E" and the Construction Yard today.  
They are working on the Power Plant area.  

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<th>Equipment (Hours)</th>
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Remarks:  

Weather: Rain  
Payroll for Week Ending  
Payroll Amount  
No. of Men:  

Submitted by:  

Eric G.  

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

September 19, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on Wellpad "E", the Power Plant Area, and the Construction Yard.

Materials

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<tr>
<th>Item</th>
<th>Rec'd</th>
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<th>Hours Used</th>
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Equipment (Hours)

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Remarks:

Weather: Rain

Payroll for Week Ending

Payroll Amount

No. of Men

Submitted by:
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

September 18, 1990

JOB NO. Puna Geothermal Ventures
CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on Wellpad "E", Power Plant Area, and the Construction Yard.

Materials

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<th>Item</th>
<th>Rec'd</th>
<th>Used</th>
<th>Hours Used</th>
<th>Type</th>
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</table>

Remarks:

Weather: Rain

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by: Eric Park
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

September 17, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR: __________________________

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The site contractor working on Wellpad "E" and the Power Plant Area.

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<th>Item</th>
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Remarks:

Weather: Rain

Payroll for Week Ending __________________________ Payroll Amount __________________________

No. of Men: __________________________

Submitted by: __________________________
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

June 22, 1990

JOB NO. Punu Geothermal Ventures  
CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The drillers are erecting gates at all entrances to the property in preparation for this weekend demonstration.


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<tr>
<th>Item</th>
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<th>Hours Used</th>
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Remarks:

Weather: Little Rain

Payroll for Week Ending  
Payroll Amount  
No. of Men:  

Submitted by: [Signature]
Report No. ___

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT
DAILY CONSTRUCTION REPORT

June 21, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The drillers are working on making gates for entrances for property.

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<tr>
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</table>

Remarks: In the newspaper there was a notice of a demonstration against PGV on Saturday 6-23-90.

Weather: Rain

Payroll for Week Ending ___________________________ Payroll Amount ___________________________

No. of Men: ___________________________

Submitted by: ___________________________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

JOB NO. Puna Geothermal Ventures
CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The drillers are fabricating gates for all the entrances for the property.

Payroll for Week Ending __________________________ Payroll Amount __________________________
No. of Men: __________________________

Submitted by: __________________________

Weather: Rain

Materials

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Remarks:

Weather: Rain

Payroll for Week Ending __________________________ Payroll Amount __________________________
No. of Men: __________________________

Submitted by: __________________________
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

JOB NO. Puna Geothermal Ventures CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The drillers are working on Location "A" and putting more No Trasspassing signs around the property.

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Remarks:

Weather: Rain

Payroll for Week Ending ____________ Payroll Amount ____________

No. of Men: ____________

Submitted by: __________________

[Signature]
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

June 15, 1990

JOB NO. Puna Geothermal Ventures

CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The drillers working on cleaning up location "A".

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Remarks:

Weather: Rain

Payroll for Week Ending

Payroll Amount

No. of Men:

Submitted by:

[Signature]
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

June 14, 1990

JOB NO. Punta Geothermal Ventures
CONTRACTOR: __________________________

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The drillers are cleaning up location "A".

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Remarks: Yesterday evening, Aurora Martinovich and Keala Kaipo were arrested for vandalism of air monitoring station near Lanipuna Gardens. They were charged with vandalism, trespassing, and resisting arrest.

Weather: Rain

Payroll for Week Ending __________________________ Payroll Amount

No. of Men: __________________________

Submitted by: __________________________
JOB NO. Puna Geothermal Ventures

CONTRACTOR: 

DESCRIPTION OF CONSTRUCTION ACTIVITIES

The drillers from Parker drilling company doing clean-up work at Drillsite A. Started to dismantle test equipment.

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Remarks:

Weather: Good

Payroll for Week Ending Payroll Amount

No. of Men: 

Submitted by: 

[Signature]
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

DAILY CONSTRUCTION REPORT

Mar. 19, 1990

JOB NO. Puna Geothermal Ventures
CONTRACTOR:

DESCRIPTION OF CONSTRUCTION ACTIVITIES

On Sunday 3-18-90 the barge carrying Parker's drill rig arrived in Hilo Bay. The rig is being unloaded from the barge at this time and will be stored for the time being at H. T. & T. facilities.

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Remarks:

Weather: Good

Payroll for Week Ending ___________________ Payroll Amount ___________________
No. of Men: ___________________

Submitted by: ___________________
State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT  

DAILY CONSTRUCTION REPORT  

JOB NO. Puna Geothermal Ventures/ Ormat  
CONTRACTOR:  

DESCRIPTION OF CONSTRUCTION ACTIVITIES

Per Melvin Sugimoto of Sugimoto Construction, there is a possibility that grubbing to start by the end of January 1990. Per Rodney Nakano of County Planning Department, the grubbing permit not applied for as yet.

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Remarks:

Weather: Good (no rain)

Payroll for Week Ending  
Payroll Amount  
No. of Men:  

Submitted by:  

Eric