Paisley Geothermal Project Funded by SVEC, US DOE & Oregon’s BETC Program
Project Overview showing wells, proposed power plant site
Resource were studied by geologist and engineer. Gravity survey; 2 meter probe survey; Fault mapping Geological ground truthing Well logging and well review
Running airlift test on completed SVE Well #1

Drilled to 1360ft
In Process of drilling SVE Well #2 Drilled to 1260ft
Performing flow, temperature and draw down tests on SVE Well #1
Well drilling crew preparing SVE Well #2 for flow and temperature test
Performing flow, drawdown and temperature test on SVE Well #2
Began drilling SVE Well #3. Projecting this well to be injector. Drilling to 1500ft.
Beowawe Binary Plant near Battle Mountain, Nevada. The Turbine Air System plant is similar in size to the projected plant for paisley (~3 MW).
Beowawe Plant showing generator to left of heat exchange evaporator
Paisley geothermal plant is expected to generate 3 MW. The spent geothermal fluid will be available to landowner for aquaculture before being injected.
Irrigation water will be supplied to ranch during season. Working with rancher to mitigate impact of power plant and facilities on ranch.
Project Financial Partners:
US DOE $2M ARRA
ODOE BETC value up to $5M
CREBs ~1.35% on $8M loan
Numerous other geothermal energy resources in Surprise Valley Electric service territory