

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number P5-196
 Observer C. Moyer Wt. _____ Date 18 Oct. 1991
 Observer Title/Affil. UofH

 Observer F. Dobbs Wt. _____
 Observer Title/Affil. U. of H. Time of Dive 0820
 _____ Time of Surface 1645
 Dive Location Loihi- Time Submerged 8:25
 Lat. 18°54.535'N Long. 155°16.104'W Time Thru Last Dive 1061:38
 Purpose: Research Training Demo Total Time to Dive 1070:03
 Other _____ Dive Depth 1425m 4674'
 Special Equip.: Water Depth 1425m
 Camera (type) Panasonic - Sony Water Temp. _____
 Manipulator Schilling - HYCO Visibility _____
 Other 3 baggy samplers - Slide Stick - Collecting boxes ABT # at Neutral
 Support Vessel R/V Kila Captain R. Barnes

Dive Results/Remarks: Land on a steep talus slope at 1425m.
Move upslope to the N. E. Come into an inactive vent field
on a steep wall at 1225m. Area of Max's vents. Traverse south then
North to explore extent of field. Narrow width but extends upslope
to top of vertical wall at 1200m. Do not see active vents. Move to
South East. Locate vent field in 1025m. Active venting along
stepped ridge areas. See signs of Pisces from last dive. Move
up East slope of Pele's Vent peak. Locate active vents from chimneys
at 1040m. Take baggy samples. Move upslope to Pele's vents. Place
slide stick. Collect rocks. Leave the bottom from Pele's vents. Normal Recovery

Equipment Deficiencies: Still camera strobe not working. Sony camera
does not focus on zoom. Water in utilities hydraulics.

Pilot T. Kerby Date 10/18/91
 Ops. Mgr J.A. Date 10/18/91