

PISCES V DIVE REPORT

Pilot T. Kerby Wt. \_\_\_\_\_ Dive Number PV-241  
 Observer C. Poyer Wt. \_\_\_\_\_ Date Sept. 5, 1993  
 Observer Title/Affil. U of H  
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 Observer G. Wheat Wt. \_\_\_\_\_  
 Observer Title/Affil. U of H Time of Dive 0735  
 \_\_\_\_\_ Time of Surface 1450  
 Dive Location Laihi - Peles Vents Time Submerged 7:14  
 Lat. 18°54.47'N Long. 155°15.58'W Time Thru Last Dive 1347:19  
 Purpose: Research Training Demo Total Time to Dive 1354:33  
 Other \_\_\_\_\_ Dive Depth 1040<sup>m</sup>  
 Special Equip.: Water Depth 1040<sup>m</sup>  
 Camera (type) Sony - Panasonic - Photosea Water Temp. 22°C in warmest vent @ Peles Vents.  
 Manipulator Schilling - HYCO Visibility \_\_\_\_\_  
 Other Ti-samplers - Lupton Samplers - Rosette Samplers ABT # at Neutral \_\_\_\_\_  
 Support Vessel R/V Kila Captain R. Barnes

Dive Results/Remarks: Seas Marginal. Dive to Peles Vents. On the bottom on the NE side of the Peles Vents Peak on a steep rocky bottom with many active chimneys and heavy bacterial mat. Take samples and move upslope crebbing to the SW. Come up to Peles vents in the area of the OBO. Collecting water samples, Ti-samplers - 2 Lupton Samplers, 1 bombe, 8 Rosette canisters of bacteria. Collect shrimp trap. Place shrimp trap. Place settling canisters. Take three Niskin Bottle samples. 1320 Leave the bottom from 975<sup>m</sup>.

Equipment Deficiencies: \_\_\_\_\_  
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Pilot T. Kerby Date 9/6/93  
 Ops. Mgr T. Kerby Date 9/6/93