

PISCES V DIVE REPORT

Pilot DEWITCOMBE Wt. \_\_\_\_\_  
Observer MAIAHOFF Wt. \_\_\_\_\_  
Observer Title/Affil. \_\_\_\_\_

Dive Number P5 107  
Date 15 SEPTEMBER 88

Observer J. SMITH Wt. \_\_\_\_\_  
Observer Title/Affil. \_\_\_\_\_

Time of Dive 10 15

Time of Surface 18 52

Dive Location W/CRATER TO PELE

Time Submerged 8 HRS + 37 mins

Lat. \_\_\_\_\_ Long. \_\_\_\_\_

Time Thru Last Dive 558:50

Purpose: Research Training Demo

Total Time to Dive 567:27

Other \_\_\_\_\_

Dive Depth 1310 m.

Special Equip.: \_\_\_\_\_

Water Depth 1310 +

Camera (type) \_\_\_\_\_

Water Temp. 3-4

Manipulator \_\_\_\_\_

Visibility ~ 10 m.

Other \_\_\_\_\_

ABT # at Neutral \_\_\_\_\_

Dive Results/Remarks: LANDED IN W/CRATER - EAST WALL  
SURVEYED BOTTOM. FOUND MASSIVE DEPOSITS OF SOFT  
BACTERIA MAT + TWO MILKEY (ANOXIC)? POOLS FULL OF  
DEAD FISH. TRAVERSED SOUTH UP + OUT TO NEXT PINACLE  
THEN TO WEST TO PELE RIDGE. LOCATED PELE UNITS  
AT TWO OF DIVE - DID BRIEF PHOTO SURVEY.

Equipment Deficiencies: O<sub>2</sub> ANALYSER WENT UP PRIOR  
TO DIVE START. WAS REPAIRED + WENT UP AT  
LRT LIFT OFF. MONITORED LIFE SUPPORT BY O<sub>2</sub> SENSOR  
TUBES + COMPLETED DIVE WITH CONCERN + APPREHENSION.  
O<sub>2</sub> STABILISED BETWEEN 18 1/2 + 19 1/2%. CO<sub>2</sub> ~~2~~ < 4%.  
TOO HIGH - BUT SOOA LINE INEFFICIENT FOR MORE THAN  
THREE HOURS. ANALYSER TO BE REPAIRED.

Pilot DEWITCOMBE Date 15 SEPTEMBER  
Ops. Mgr \_\_\_\_\_ Date \_\_\_\_\_