Seismic Log #70003
10C

105104
70003SEI

P.R. III

Seis Book

4/70

WANDO RIVER

#105104 WNDO PR III
WANDO RIVER 70003
North coast Puerto Rico
April 4-14, 1970
L.Garrison
SEISMIC LOG
(April 5-10, 1970)

#105104 ADV2
ADVANCE II 70004
Virgin Islands
April 9-14, 1970
L.Garrison
SEISMIC LOG
(April 13-14, 1970)

CANYON PROFILING

April 5, 1970

Recorders sync. @ 0950 HRS

SYSTEM COMPONENTS

9000 Joule sparker EG&G

4 - capacitor Banks

2 - 232 A Power Supplies

1 - Geospace Ampl./filter

12 KHZ TRANSDUCER + GIFT

50 Element Pre Amp USGS

Hydrostreamer.

INITIAL SETTINGS

Seismic -

4 sec Rep Rate, 2 sec Sweep

Paper feed; CONT, on #1

Amplifier. Gray 40/98 Hz filter 2/1

Black 40/98 Hz filter 2/1

Amplifier Gain gy 80%

Black 100%

FATHOMETER

GIFT + 12 KHZ

1/2 Sec Sweep

CONT Paper feed, w/

.2 % (Keying %)

Begin Track Line <u>AB</u>

1. START LINE AT 1009 fix 1
2. fix 2 1015 + 30 sec
3. Time mark 1030 HRS
4. 1140 C/C END LINE AB
   START LINE BC
5. 1210 C/C END BC START CD
6. ~~1450 f~~ c/c END CD START DE
   correction 1449 + 30
7. Note:
   fathometer off @ 1507
   due to difficulties
8. 1530 c/c END DE START EF
9. 1528 FATHOMETER ON LINE

10. Switch to CENTER KEY.
11. 1622 C/C 5° Right T-278°
12. 1733 END EF START FG C/C TO 173°
13 1750 END LINE FG - SECURED

April 6, 1970

Begin Line ~~E~~ HI
(~~Previous FG Scratched~~)

1004 END LINE HI, START IJ
1031 END LINE IJ START JK
1336 END Line JK, START KL
1356 END KL, START LM
1450 Ran out of Paper on Fathometer
Put in new roll.
1508± Changed speed to 800 rpm to
improve record
1630 END LINE LM - START MN
1642 END MN - START MO
1832 FOUND that Fathometer
Gifft recorded slew switch was
in Auto which would make the
last several hours reading in error.

April 6, 1970.

1950 +30 END NO

APRIL 7, 1970

0735 START LINE PQ

0839 END LINE PQ

START LINE QR

1000 END LINE QR

START LINE RS

1135 END LINE RS

1st HR line south of STT and SJN

1st Mates fixes were visual bearings

Time		
1355	18-17.7 N 64-59.7 W	start work, Cus 058° T
1445	18-17.5 N 64-54.7 W	
1450	18-17.6 N 64-54.0 W	
1458	18-17.5 N 64-52.8 W	
1510	18-17.5 N 64-51.5 W	
1520	18-17.5 N 64-50.1 W	C/C 100° T
1528	18-17.2 N 64-49.0 W	
1535	18-17.2 N 64-48.25 W	shut down & hauled in at 1554. Hd for STT.
1548	18-17.7 N 64-46.7 W	

April 10

0900 Start line AB southward from Savana So. [½ sec sweep, 100 gth scale 250-810 kHz

1000 Trouble with recorder - down for awhile.

1020 Recording again (time approx.)

1031 End of AB - turned left to cross line BC.

1104 Start Line CD, CWS 000°T

1155 Turn to 090 - Start DE

1221 Start Turn to 180°

1225 Steady on line EF

1300 Firing erratic. Shut down for repairs.

1320 End of EF, turning 090° to FG

1328 Resumed firing. Replaced firing electrode

1353 Turned on Line GH

1454 Start turn - end Line GH

1457 - Cus 180° and various courses to head of next line - Point ~~Ten~~ India See nav. plot.

1527 - turned on to Line 1H

1627 End of line 1H

1630 - Got into deep water & lost tract of bottom.

1708 TURNED ON to LINE JK 003°

1730 turned out equipment.

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